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NOTICE

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PUBLIC HEALTH REPORTS.

UNITED STATES.

Request for information of prevalence of dengue.

In the Medical Record of February 8, 1902, there appeared an article by Dr. Harris Graham, professor of pathology in the American College of Beyreuth, Syria, on "Dengue: A study of its mode of propagation and pathology." In the article Dr. Graham reports that he has determined that the disease is due to a protozoal parasite, and that his experiments justify the assertion that the malady is conveyed from person to person through the bites of mosquitoes, and apparently through the agency of the ordinary *culex* species of that insect.

In view of the importance of arriving at a definite conclusion as to the origin of all epidemic diseases, the Bureau is desirous of further investigation in this line, and it is requested that health officers in all parts of the United States will furnish the Surgeon-General of the U. S. Marine-Hospital Service with early information as to the appearance of dengue in epidemic form in their respective localities, in order that investigators may be dispatched to the seat of the epidemic for the purposes of study and investigation.

Assignment of inspectors to the fruit ports of Central and South America.

The following-named acting assistant surgeons have been appointed and assigned to the fruit ports of Central and South America for the coming season for the purpose of inspecting the vessels, their cargoes and crews, bound from said ports to ports of the United States. The instructions issued to these officers are the same as those in force last season :

Paul Osterhout.....	Bocas del Toro, Colombia.
W. H. Carson	Port Limon, Costa Rica.
A. J. Smith.....	Livingston, Guatemala.
S. H. Backus.....	Puerto Cortez, Honduras.
D. W. Goodman.....	Bluefields, Nicaragua.
W. B. Robertson.....	La Ceiba, Honduras.
R. H. Peters	Belize, British Honduras.

[Reports to the Surgeon-General United States Marine-Hospital Service.]

Report of smallpox in Nebraska.

NEW ORLEANS, La., April 3, 1902.

SIR: I have the honor to submit the following report in regard to the smallpox conditions in the State of Nebraska:

In obedience to your telegraphic orders of March 19, 1902, to proceed to Lincoln, Nebr., for the purpose of conferring with the State board of health in regard to measures for the suppression of smallpox in the State, I left New Orleans on the morning of March 20, 1902, and arrived at Lincoln in the late afternoon of the following day. In the evening I had a conference with representatives of the State board of health, and was informed as to the smallpox conditions in the State.

* * * * *

Smallpox has been prevailing in Nebraska for several years. It is the same mild type that has been prevailing elsewhere for the past few years, and owing to its mildness proper precautions have not been taken with it. As a consequence the number of cases has greatly increased and the disease has become widespread.

The State board of health, feeling that they were unable to suppress the disease with their present powers and methods, called on the U. S. Marine Hospital Service for assistance, in the hope that the Federal laws gave the Service authority to enforce measures for the eradication of smallpox, not possessed by the State board of health. If this was not possible, they then desired advice and assistance in controlling the disease.

* * * * *

In order to better advise the local authorities in regard to the problems confronting them, it was desired that I visit selected localities in the State, make a thorough investigation of the conditions in each, and confer with the authorities as to the best methods to be followed in each place. It was thought best that I should do this in the capacity of a representative of the governor and State board of health, therefore the governor attached me to his staff as a special aide, and furnished me with the following letter as my authority:

EXECUTIVE CHAMBER, LINCOLN, NEBR., March 22, 1902.

To the local health authorities, State of Nebraska:

The bearer hereof, Dr. C. P. Wertenbaker, U. S. Marine-Hospital Service, has been sent to Nebraska by the Surgeon-General of the U. S. Marine-Hospital Service at my request to aid the State and local authorities in suppressing smallpox in the State.

I have attached Dr. Wertenbaker to my staff temporarily, and he comes to you as my representative to render you such assistance as you may need in stamping out smallpox in your locality. He comes not to supersede or in any way to exercise authority over you, but merely to give you the benefit of his experience in the management of smallpox. You are invited to utilize his services in this capacity, in the hope that this epidemic of smallpox that is causing so much trouble and expense may be promptly suppressed.

Respectfully,

EZRA P. SAVAGE,
Governor.

Armed with this letter I visited various places in the State, calling on the local authorities, investigating the smallpox conditions in each place, and advising as to the methods to be followed. The inclosed reports will show the conditions found, and the measures recommended, as well as my general recommendations for the management of the disease throughout the State.

I inclose a map of Nebraska, showing the location and number of

cases of smallpox reported from March 1 to March 20, 1902, and the same information in tabulated form. Also a report of the number of cases reported during the month of February, 1902, by counties. I am of the opinion that these reports by no means indicate the total number of cases of smallpox in the State. There has been no general or house-to-house inspection, at any point, to ascertain the number of cases existing, therefore I feel assured that many cases have not been reported.

* * * * *

I was most cordially received wherever I went, and the authorities seemed gratified by my visit. They stated that the visit would be of great assistance to them in the work of suppressing smallpox, and that my recommendations would be promptly carried out. The governor and State board of health expressed themselves as pleased with the results of my work, and grateful to the Surgeon-General for his prompt response to their request for assistance.

I feel that my visit to Nebraska has done good in arousing renewed interest in the suppression of smallpox, and if the recommendations made are faithfully followed, there will be a prompt and marked diminution in the number of cases. In obedience to your orders I rejoined my station on March 30, 1902.

Respectfully,

C. P. WERTENBAKER,
Passed Assistant Surgeon, U. S. M. H. S.

LINCOLN, NEBR., *March 27, 1902.*

SIR: In accordance with your instructions to visit certain portions of the State where smallpox is prevailing, for the purpose of ascertaining the existing conditions, and to offer the local authorities in your name the benefit that might be derived from my experience in the management of smallpox, I have the honor to submit the following report:

After consultation with the board of secretaries of the State board of health, and with their approval, I called on the city authorities of Lincoln, Omaha, and South Omaha, these being the most populous centers where smallpox was prevailing. It was not considered necessary to visit other points in the State, for while smallpox exists in quite a number of places there were comparatively few cases at each place, and my recommendations regarding the cities mentioned would apply equally to the smaller places.

Accompanied by Dr. S. R. Towne, inspector of the State board of health, I called on the mayor of Lincoln. From him I ascertained that smallpox existed in Lincoln during the winter of 1900-1, when there were about 100 cases. The disease disappeared with the approach of warm weather and reappeared in October, 1901. Since that date to March 22, 1902, there have been about 350 known cases. On March 22 there were 36 known cases in the city, 8 being in the smallpox hospital, and 28 under detention at their homes. I am informed that no systematic inspection has been made to find smallpox or thorough method of ascertaining infected houses and disinfecting them.

There has been some effort on the part of the local authorities to suppress the disease, but for various causes it has not been sufficiently systematic or thorough, and as a consequence smallpox still prevails.

On the evening of March 22 I had a conference with the mayor, the city and county health physicians, some members of the school board, and others.

We reviewed the situation carefully, and I advised a house-to-house

inspection for the purpose of discovering all existing cases of smallpox; the prompt isolation of all such cases, and the thorough disinfection of houses, articles, etc., that had been exposed to infection; that all persons exposed, and liable to contract the disease, have their clothing disinfected, be vaccinated with a pure glycerinized lymph, and kept under observation for full fourteen days, dating from the time of the last possible infection, and that general vaccination be practiced in order to render the population immune to smallpox, and in this way cut off the supply of infectible material.

OMAHA.

On March 23 I proceeded to Omaha and interviewed the mayor and commissioner of health. With the commissioner of health I visited the detention hospital. A new brick building, quadrilateral in shape, but open at the southern end, forming a court inclosed on 3 sides, is in the course of construction and will probably be ready for occupancy within thirty days. The framework for the roof and joists for the floors are now in place. When completed the building will contain 4 wards, a dining room, kitchen, office, quarters for the officers, and several private rooms, and should be sufficient for the needs of the city. The present buildings consist of old election booths; a wooden framework covered with corrugated sheet iron, approximately about 12 by 30 feet each. There are also several frame buildings of about the same size that have recently been constructed. The hospital seems efficiently managed and the records correctly kept. The location of the hospital (6 miles from the center of the city) is a little more remote than is desirable for easy transfer of patients and supplies, but I understand that it was the best the authorities could do as previous buildings nearer the city had been burned by timorous citizens. I inclose a copy of my report to the mayor of Omaha with my recommendations. The following statistics regarding smallpox in Omaha were furnished me by the commissioner of health of that city, Dr. J. B. Ralph:

Smallpox in Omaha from January 1, 1901, to March 22, 1902, inclusive, by months.

1901: January, 24 cases; February, 26 cases; March, 24 cases; April, 48 cases; May, 65 cases; June, 38 cases; July, 8 cases; August, 6 cases; September, 9 cases; October, 19 cases; November, 14 cases; December, 47 cases. Total, 328.

1902: January, 188 cases; February, 187 cases; March 1 to March 22, 126 cases. Total, 501.

Total from January 1, 1901, to March 22, 1902, 829.

On March 22, 1902, there were in the city 79 cases, distributed as follows: In hospital, 54; quarantined at home, 25. Total, 79.

SOUTH OMAHA.

On March 24, 1902, I called on the mayor of South Omaha and discussed the situation with him. The following statistics were furnished me by the chief inspector: Smallpox appeared on December 28, 1900, and the city has not been free from it since, with the exception of three weeks during September, 1901.

From December 28, 1900, to December 1, 1901, it is estimated that there were about 500 cases. Since that date to March 25, 1902, cases have occurred as follows:

1901: December, 172 cases, no deaths; 1902: January, 110 cases, no deaths; February, 113 cases, no deaths; to March 22, 100 cases, 1 death. Total, 495 cases, 1 death.

On March 25, 1902, there were in South Omaha 75 cases and about 30 families under quarantine.

South Omaha has just completed an emergency hospital for smallpox cases, but it was not in use at the time of my visit. I again visited the city on March 26, 1902, for a conference with the local authorities. I was informed that 14 new cases of smallpox had been discovered since the day previous, making a total of 89 cases in the city. I offered the same advice at South Omaha that I had given at Lincoln and Omaha. I was kindly received at each place I visited and the authorities gave me every facility to investigate the situation. They furnished me with information and freely discussed the situation in all its aspects.

They all seemed desirous of eradicating the disease as soon as possible, but had been deterred by the usual obstacles always found in such undertakings.

The fact that the disease has been present in these cities for so long, the mildness of the type, and the opposition of many people to measures sought to be adopted for its suppression, have caused an apathy on the part of local authorities that has led to a wider spread of the disease.

Smallpox is a preventable disease, and if it continues to exist in a given section it is because proper measures have not been adopted for its suppression, or that the work has not been thoroughly done. If every case of smallpox was promptly located and isolated; all exposed persons promptly vaccinated and their clothing disinfected; all infected houses and articles thoroughly disinfected, and the entire populace of places where smallpox prevails were rendered immune to the disease by vaccination, the disease would promptly disappear.

These measures are described in detail in the inclosed copy of a publication issued by the U. S. Marine-Hospital Service on the suppression of smallpox, copies of which will be furnished free of charge upon application to the Surgeon General U. S. Marine-Hospital Service, Washington, D. C. I recommend that a sufficient supply of this publication be secured, and that all communities in the State where smallpox is prevailing be supplied with them. That a circular letter or proclamation be issued by the governor or State board of health calling attention to the recommendations therein contained, and urging their adoption. I also recommend that the State board of health arouse to more activity in impressing upon the people in the State the necessity for prompt action in suppressing the first case of smallpox in a community, and the urgent necessity for general vaccination.

I have found in this State, as elsewhere, that the opposition to vaccination is due to the fact that in many cases excessive inflammation has followed the process of vaccination. This is not due, as a rule, to the vaccine virus, but to some extraneous matter. The use of a pure, ripe, glycerinized lymph is not followed by any such unfortunate results. There is, it is true, a slight inflammation surrounding the vaccine vesicle, and there is usually some slight soreness in the vaccinated member, but it is not sufficient, as a rule, to incapacitate one from work, even though that work be hard manual labor.

If this fact can be thoroughly impressed upon the people, and they can have ocular demonstration of it, opposition to vaccination will largely diminish.

If physicians having a patient with a typical vaccine vesicle will induce that patient to show it around to his friends in the same way that one with an inflamed arm shows it, I think the results will be of great value.

I beg to call attention to the fact that I have found the quarantine imposed upon people detained at their own homes, a quarantine in name only. As a rule, such persons are merely directed to remain at home and hold no communication with outside parties. No guard is placed over the houses, to see that the regulations are enforced, and as a consequence they are often, if not always, disregarded. The practice of shutting up a number of people in a house with a case of smallpox frequently without even the precaution of vaccinating them, has led to a large increase in the number of cases. The smallpox case should be isolated. The persons that have been in contact with it should have their clothing disinfected, be vaccinated, and kept away from possible reinfection. Unless this is done other measures will be useless.

I am led to doubt the efficiency of much of the disinfection that is done. I recommend that no house or article be considered disinfected unless the work has been done under the supervision of the official disinfectant and he certifies that it is thoroughly disinfected.

I recommend that the State board of health keep itself informed of the details of methods in use in each locality and correct any errors that may arise.

In conclusion, I recommend that the motto "Isolation, vaccination, and disinfection" be kept constantly before the people, and that the State board of health give personal attention to the conditions in each locality, assisting the local authorities, and encouraging them to renewed efforts until the last vestige of smallpox is eradicated from the State.

Respectfully,

C. P. WERTENBAKER,
*Passed Assistant Surgeon, U. S. M. H. S.,
Colonel and Special Aide.*

HON. EZRA P. SAVAGE,
Governor of Nebraska.

OMAHA, NEBR., March 24, 1902.

SIR: In accordance with the instructions of his excellency, Governor Savage, and with your consent I have this day investigated the smallpox situation in Omaha. I have the honor to submit the following report, with such suggestions as seem advisable to improve existing methods:

Dr. J. B. Ralph, your commissioner of health, has kindly given me a statement of the methods followed by the city for the suppression of smallpox, as well as the conditions as they exist at present. In company with Dr. Ralph, I visited the emergency hospital this afternoon and made an inspection of the buildings and patients. There were 51 patients in various stages of smallpox at the time of my visit. Several were about recovered and will be ready for discharge in a few days.

The emergency hospital is decidedly above the average of such hospitals. The buildings, while rough, are warm and comfortable and efficiently equipped for their purpose. The dining room and cooking arrangements are excellent; the food was bountiful and much better than is usually furnished; it was well prepared and well served. The patients seemed satisfied and as contented as possible under the circumstances. The hospital seems to be efficiently managed. All the patients were doing well.

In regard to existing conditions and methods, it is evident, from the continued presence of smallpox in the city, that there must be some weakness in the present methods. It appears that there is no systematic house-to-house inspection to ascertain the existence of hidden cases of smallpox, the health department relying on the reports of

physicians and others for its information. There are doubtless some cases that are not seen by a physician, or otherwise escape being reported. Each of these cases becomes a center of infection from which springs up a new crop of cases and the chain becomes interminable. In order to check this process it is necessary to locate as soon as possible each new case, and safeguard it from infecting new material. This is best done by a house-to-house inspection which should be repeated at short intervals until all danger is past.

Next to locating and isolating existing cases, it is most important to render all persons liable to infection, immune to the disease by vaccination. The use of a pure glycerinized lymph will obviate all trouble from the excessively sore arms that have raised a prejudice against vaccination, and with such a simple preventive at hand, it seems criminal to permit persons to become a menace to the public health for the want of its adoption.

The question of compulsory vaccination is one that must be decided by your city authorities, but I will say that if every person in Omaha was made immune to smallpox by vaccination, you could eradicate the disease from the city in an incredibly short time. I am glad to learn that vaccination has been made a prerequisite for children attending the public schools. This is a step in the right direction.

I have offered several suggestions to Dr. Ralph for improvement in some of the details of disinfection, and he has accepted them.

I inclose herewith a copy of a publication issued by the U. S. Marine-Hospital Service on the suppression of smallpox. If the recommendations contained therein are carefully followed, smallpox will rapidly disappear from your city.

To sum up, I recommend: (1) A house-to-house inspection with the prompt isolation of patients. (2) The isolation and vaccination of all persons exposed to smallpox and the disinfection of their clothing. (3) Vaccination with pure glycerinized lymph of all persons in the city that have not been successfully vaccinated within a year. (4) The prompt and thorough disinfection of all infected houses and articles. (5) That the assistance of all corporations, business firms, and individuals be invoked in making general vaccination as thorough as possible.

In conclusion, I beg to state that I do not consider the condition in Omaha at all alarming. There are more cases of smallpox in the city than is desirable, even though most of them are isolated in the hospital. I am informed that there has been a steady decrease in the number of cases for the past month, and this will doubtless continue as the weather grows warmer and the people live more out of doors, until it disappears. The danger of the situation lies in the fact that unless the existing cases are found and isolated and infected houses and materials disinfected, the disease will reappear again next winter and the troubles of previous years will be repeated. In this connection it is suggested that all winter clothing, etc., be thoroughly aired and sunned for several days before being packed for the summer, and that on bright, sunny days, houses where sickness has occurred during the winter should be thrown open as much as possible to admit the air and sun.

Respectfully,

C. P. WERTENBAKER,

Passed Assistant Surgeon, U. S. M. H. S.,

Special Aide to the Governor.

MR. FRANK E. MOORES,

Mayor, Omaha, Nebr.

Inspection service at Eastport, Me.

EASTPORT, ME., April 10, 1902.

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, April 10, 1902:

Vessels inspected.

Date.	Vessel.	From.	For.	Crew.	Passengers.	
					For East-port.	In East-transit.
Apr. 4	Ss. T. A. Stuart.....	New York.....	Eastport.....	5
Apr. 5	St. Aurora.....	St. Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	2	4
Do....	Ss. St. Croix.....	Boston.....	St. John, New Brunswick.	61	15	30
Do....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	10
Apr. 6	Sc. Portland Packet.	Portland, Me.....	do.....	3
Apr. 8	Ss. H. F. Eaton.....	Calais, Me.....	do.....	10	11
Do....	Ss. St. Croix.....	Boston and Portland.	St. John, New Brunswick.	61	30	25
Apr. 9	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	16
Do....	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	2	5
Do....	Ss. St. Croix ..	do.....	Portland and Boston.....	61	10	45
Do....	Sc. Valetta.....	do.....	Eastport.....	4

Two new cases of smallpox were reported in St. John, New Brunswick, yesterday, April 9. Portland, Me., reported 2 new cases April 8. The new cases at St. John, New Brunswick, are in the northern section of the city.

Respectfully,

EDWARD M. SMALL,
Acting Assistant Surgeon, U. S. M. H. S.

Arrival at Reedy Island Quarantine of vessels from West Indian ports.

REEDY ISLAND QUARANTINE,
via Port Penn, Del., April 6, 1902.

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report the arrival at this station of the following vessels:

April 1, 1902, Norwegian steamship *Donald*, from Banas, with fruit; no passengers; bill of health signed by Acting Asst. Surg. Mariens Agüero. April 3, 1902, American schooner *Florence Oreadick*, from Cardenas via Havana, with scrap iron; no passengers; Cardenas bill of health signed by Acting Asst. Surg. Enrique Saez; Havana bill of health signed by Surg. A. H. Glennan. April 4, 1902, British steamship *Yestor*, from Santiago de Cuba, with ore; no passengers; bill of health signed by Assistant Surgeon Von Ezdorf; Norwegian steamship *Bogstad*, from Santiago de Cuba via Chirivíco, with ore; no passengers; bill of health signed by Assistant Surgeon Von Ezdorf.

Respectfully,

T. F. RICHARDSON,
Assistant Surgeon, U. S. M. H. S., In Command.

Arrival at Baltimore of vessels from West Indian and South American ports.

BALTIMORE, MD., April 5, 1902.

SIR: I have to report the arrival of the following vessels at this port for the week ended this day:

April 2, Norwegian steamship *Storfond*, from Daiquiri, with ore.

April 4, Netherlands steamship *Callisto*, from Daiquiri, with ore. April 5, American schooner *W. H. Dix*, from San Andres, with cocoanuts.

Respectfully,

WM. F. STONE,
Collector.

BALTIMORE, MD., April 12, 1902.

SIR: I have to report the arrival of the following vessels at this port for the week ended this day: April 7, British steamship *Alabama*, from Daiquiri, Cuba, with ore. April 9, British steamship *Tresco*, from Santiago de Cuba, with ore; British steamship *Drummond*, from Daiquiri, Cuba, with ore. April 10, Norwegian steamship *Fulton*, from Baracoa, with fruit. April 11, British steamship *Kara*, from Bahia, with ore; American schooner *H. E. Thompson*, from Bahia, with ore.

Respectfully,

T. E. CUNNINGHAM,
Special Deputy Collector.

REPORTS FROM THE MEXICAN BORDER.

Eagle Pass, Tex., April 7, 1902—Inspection service.—I have the honor to report the following transactions for the week ended April 5, 1902: Number of passenger trains from Mexico inspected, 7; number of passengers on trains from Mexico inspected and passed, 237; number of passengers detained, none.

B. KINSELL,
Acting Assistant Surgeon, U. S. M. H. S.

El Paso, Tex., April 5, 1902—Inspection service.—I have the honor to transmit herewith summary of transactions at this station for the week ended April 5, 1902. Inspection of Mexican Central Railroad passengers, 281; inspection of Rio Grande and Pacific Railroad passengers, 21; inspection of immigrants, 112; disinfection of soiled linen imported for laundry work, 419 pieces; vaccination of children of immigrants, 11.

E. ALEXANDER,
Acting Assistant Surgeon, U. S. M. H. S.

Laredo, Tex., April 1, 1902—Inspection service.—I have the honor to submit the following inspection report for the week ended March 29, 1902: Number of passenger trains from Mexico inspected, 14; persons on trains from Mexico inspected, 533; immigrants inspected, 31; immigrant children vaccinated upon entry, 8.

Laredo, Tex., April 8, 1902—Inspection service.—I have the honor to submit the following report of inspection for the week ended April 5, 1902: Number of passenger trains entering from Mexico inspected, 14; persons on trains entering from Mexico inspected, 525; immigrants inspected, 28; immigrants vaccinated upon entry, 8. April 2, 1 person, three days out from Vera Cruz, gave positive proof of being an immune to yellow fever, passed.

H. J. HAMILTON,
Acting Assistant Surgeon, U. S. M. H. S.

Statistical reports of States and cities of the United States—Yearly and monthly.

CALIFORNIA—*Los Angeles*.—Month of March, 1902. Estimated population, 120,000. Total number of deaths, 234, including diphtheria, 2; scarlet fever, 3; whooping cough, 1, and 52 from tuberculosis.

Sacramento.—Month of March, 1902. Estimated population, 30,000. Total number of deaths, 34, including enteric fever, 1, and 4 from phthisis pulmonalis.

Stockton.—Month of March, 1902. Estimated population, 14,000. Total number of deaths, 17, including 1 from phthisis pulmonalis.

GEORGIA—*Augusta*.—Month of March, 1902. Estimated population, 41,441. Total number of deaths, 70, including enteric fever, 1; scarlet fever, 1; whooping cough, 1; smallpox, 1, and 14 from tuberculosis.

Columbus.—Month of March, 1902. Estimated population, 19,303—white, 10,276; colored, 9,027. Total number of deaths, 26—white, 10; colored, 16—including 4 from phthisis pulmonalis.

ILLINOIS—*Peoria*.—Month of March, 1902. Census population, 56,100. Total number of deaths, 58, including 9 from tuberculosis.

INDIANA—*Morbidity and mortality in Indiana in March*.—The monthly statistical reports of the State board of health show there were 3,045 deaths in March, the annual rate being 14.2. In the corresponding month last year the number of deaths was 3,272; rate, 15.3. Compared with February, the preceding month, there were 171 more deaths. Of this increase, 88, or almost 50 per cent, was of children under 15 years of age and 20 per cent was of people over 65 years. The diseases which caused the increase in number of deaths in March over February were consumption, measles, and puerperal fever. It was a singular coincidence that diphtheria and cerebro-spinal meningitis both caused, respectively, 26 and 21 deaths in February and in March. By certain ages the deaths were: Under 1, 455; from 1 to 5, 191; from 5 to 10, 76, and 65 and over, 828. The deaths by important causes were: Tuberculosis, 457; typhoid fever, 39; diphtheria, 26; scarlet fever, 18; measles, 22; whooping cough, 16; pneumonia, 470; diarrheal diseases, 9; cerebro-spinal meningitis, 21; influenza, 59; puerperal fever, 21; cancer, 82; violence, 127, and smallpox, 2. In February, pneumonia caused 512 deaths, and in March, 1901, it caused 603. There is, therefore, a decided improvement this month. The city deaths numbered 1,207, an annual rate of 16.6, and the country deaths numbered 1,838, a rate of 13. Only from 1 disease was the death rate higher in the country than in the cities. This disease was influenza, the rates per 100,000 being, cities, 26.1; country, 28.4. The violence death rates in 100,000 were, cities, 94.9; country, 41.2. The 5 largest cities of the State show the following death rates: Indianapolis, 15.1; Evansville, 12.3; Fort Wayne, 16.7; South Bend, 17; Terre Haute, 25.1. The 2 deaths reported from smallpox during the month were 1 each in Montgomery and Shelby counties.

Morbidity.—Smallpox was the most prevalent disease in March, 785 cases being reported as follows: Jay County, 12; Hendricks County, 2; Union County, 1; Porter County, 1; Montgomery County, 41; Howard County, 3; Noble County, 46; Cass County, 4; Carroll County, 1; Shelby County, 37; Lawrence County, 12; De Kalb County, 15; Wayne County, 2; Vermillion County, 1; Morgan County, 1; Martin County, 1; Dubois County, 20; Wabash County, 16; Delaware County, 17; Clay County, 19; Warrick County, 61; Madison County, 64; Whitley County, 4; Clark County, 5; Gibson County, 22; Owen County, 1; Wells County, 81; Tippecanoe County, 1; Floyd County, 2; Lagrange County, 16; Perry County, 10; Posey County, 2; Allen County, 13; Vigo County, 6; Daviess County, 29; Vanderburg County, 54; Franklin County, 40; Adams County, 55; Knox County, 44; Marion County, 64; Grant County, 20; Greene County, 5; Spencer County, 2; Henry County, 2; Miami County, 3; Benton County, 1. Aside from smallpox the prevalence of diseases was in the following order: Rheumatism, bronchitis, influenza, pneumonia, tonsilitis, measles, intermittent fever, pleuritis, diarrhea, scarlet fever, erysipelas, typhoid fever, diphtheria, cerebro-spinal meningitis, whooping cough, inflammation of bowels, puerperal fever, cholera morbus, dysentery, cholera infantum. The 3 diseases now last in order of prevalence will next month move to the top of the list.

Muncie.—Month of March, 1902. Estimated population, 22,670. Total number of deaths, 31, including enteric fever, 2, and 1 from tuberculosis.

MARYLAND—Cumberland.—Month of March, 1902. Estimated population, 17,128. Total number of deaths, 30, including diphtheria, 1; enteric fever, 1, and 6 from tuberculosis.

MASSACHUSETTS—Melrose.—Month of April, 1902. Estimated population, 13,000. Total number of deaths, 25, including 1 from smallpox.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended April 5, 1902, from 69 observers, indicate that phthisis pulmonalis, erysipelas, and whooping cough were more prevalent and pneumonia, smallpox, and diphtheria were less prevalent than in the preceding week. Meningitis was reported present at 6, whooping cough at 14, diphtheria at 24, enteric fever at 35, measles at 62, scarlet fever at 87, smallpox at 157, and phthisis pulmonalis at 220 places.

MINNESOTA—Winona.—Month of March, 1902. Estimated population, 20,000. Total number of deaths, 11, including whooping cough, 1, and 1 from phthisis pulmonalis.

MONTANA—Helena.—Month of March, 1902. Estimated population, 13,000. Number of deaths not reported. One death from enteric fever reported.

NEBRASKA—Omaha.—Month of January, 1902. Census population, 102,555. Total number of deaths, 85, including diphtheria, 1; enteric fever, 1, and 6 from tuberculosis.

Month of February, 1902. Total number of deaths, 78, including diphtheria, 2; scarlet fever, 1; whooping cough, 2, and 7 from tuberculosis.

South Omaha.—Two weeks ended March 31, 1902. Census population, 26,001. Total number of deaths not reported. Two deaths from smallpox reported.

NEW YORK—*Saratoga Springs.*—Month of March, 1902. Estimated population, 12,119. Total number of deaths, 26, including 4 from tuberculosis.

NORTH CAROLINA—*Charlotte.*—Month of March, 1902. Census population, 18,091. Total number of deaths, 32, including 1 death from smallpox.

OHIO—*Cleveland.*—Month of March, 1902. Estimated population, 400,000. Total number of deaths, 532, including diphtheria, 12; enteric fever, 12; measles, 1; scarlet fever, 3; whooping cough, 1, and 38 from tuberculosis.

East Liverpool.—Month of March, 1902. Census population, 16,486. Total number of deaths, 18, including enteric fever, 2; scarlet fever, 1, and 2 from phthisis pulmonalis.

PENNSYLVANIA—*New Castle.*—Month of March, 1902. Estimated population, 32,000. Total number of deaths, 56, including diphtheria, 2; enteric fever, 4, and 14 from tuberculosis.

TEXAS—*Galveston.*—Month of March, 1902. Census population, 37,789. Number of deaths not reported. Three deaths from tuberculosis reported.

Houston.—Month of March, 1902. Estimated population, 60,000. Total number of deaths, 113, including enteric fever, 2; smallpox, 1, and 14 from tuberculosis.

San Antonio.—Month of March, 1902. Estimated population, 63,000. Total number of deaths, 137, including 41 from tuberculosis, of which 26 were of nonresidents.

VIRGINIA—*Roanoke.*—Month of March, 1902. Census population, 21,495. Total number of deaths, 27, including whooping cough, 1; smallpox 1, and 7 from tuberculosis.

Report of immigration at Baltimore for the week ended April 5, 1902

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,

Port of Baltimore, April 5, 1902.

March 29, steamship *Gera*, from Bremen, with 1,686 immigrants.
April 4, steamship *Chemnitz*, from Bremen, with 1,768 immigrants.
Total, 3,454.

LOUIS T. WEIS.
Commissioner.

*Report of immigration at Boston for the week ended April 5, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, April 6, 1902.**Number of alien immigrants who arrived at this port during the week ended April 5, 1902;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 30	Steamship Boston.....	Yarmouth, Nova Scotia.....	242
Apr. 2	Steamship Consuelo.....	Hull, England.....	1
Apr. 3	Steamship Cambrian.....	London, England.....	3
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	247
Do.....	Steamship Halifax.....	Halifax, Nova Scotia.....	52
Apr. 5	Steamship Sylvania.....	Liverpool, England.....	2
Do.....	Steamship Sardinian.....	Glasgow, Scotland.....	103
Do.....	Steamship Cambrian.....	Genoa and Naples, Italy.....	1,251
	Total.....		1,901

GEORGE B. BILLINGS,
*Commissioner.**Report of immigration at New York for the week ended April 5, 1902*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, April 8, 1902.**Number of alien immigrants who arrived at this port during the week ended April 5, 1902;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 31	Steamship St. Paul.....	Southampton.....	547
Do.....	Steamship Umbria.....	Liverpool and Queenstown.....	313
Do.....	Steamship Rotterdam.....	Rotterdam.....	802
Apr. 1	Steamship Batavia.....	Bremen.....	2,666
Do.....	Steamship La Bretagne.....	Havre.....	1,346
Do.....	Steamship Lahn.....	Genoa and Naples.....	867
Apr. 2	Steamship Southwark.....	Antwerp.....	1,165
Do.....	Steamship Kronprinz Wilhelm.....	Bremen.....	695
Do.....	Steamship Liguria.....	Naples.....	1,201
Apr. 3	Steamship Majestic.....	Liverpool and Queenstown.....	675
Do.....	Steamship Astoria.....	Glasgow.....	347
Apr. 5	Steamship Balilla.....	Naples.....	1,061
Do.....	Steamship Auguste Victoria.....	Genoa and Naples.....	625
Do.....	Steamship Lucania.....	Liverpool and Queenstown.....	757
Do.....	Steamship Graf Waldersee.....	Hamburg.....	1,970
Do.....	Steamship Brandenburg.....	Bremen.....	1,637
	Total.....		16,674

THOMAS FITCHIE,
Commissioner.

*Report of immigration at Philadelphia for the week ended April 12, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, April 12, 1902.**Number of alien immigrants who arrived at this port during the week ended April 12, 1902;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 3	Steamship Katie	Jamaica.....	3
Do.....	Steamship Planet Mars	Avonmouth.....	1
Do.....	Steamship Livonian.....	Glasgow.....	1
Apr. 6	Steamship Eagle Point	London.....	1
Apr. 4	Steamship Minnesota.....	do.....	2
Apr. 7	Steamship Rhyndland	Liverpool and Queenstown.....	248
	Total		256

J. L. HUGHES,
*Acting Commissioner.**Report of immigrants inspected at the port of San Francisco Quarantine Station, Angel Island, Cal., during the month of January, 1902.*

Total number of immigrants inspected, 415; number passed, 414; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

HUGH S. CUMMING,
*Passed Assistant Surgeon, U. S. M. H. S.**Report of immigrants inspected at the port of San Francisco Quarantine Station, Angel Island, Cal., during the month of February, 1902.*

Total number of immigrants inspected, 358; number passed, 357; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

HUGH S. CUMMING,
*Passed Assistant Surgeon, U. S. M. H. S.**Report of immigrants inspected at the port of Buffalo, N. Y., during the month of March, 1902.*

Total number of immigrants inspected, 72; number passed, 71; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

EUGENE WADDIN,
*Surgeon, U. S. M. H. S.**Report of immigrants inspected at the port of Astoria, Oreg., Columbia River Quarantine Station, during the month of March, 1902.*

Total number of immigrants inspected, 7 Japanese males; number passed, 7 Japanese males.

BAYLIS H. EARLE,
Assistant Surgeon, U. S. M. H. S.

Report of immigrants inspected at the port of Galveston, Tex., during the month of March, 1902.

Total number of immigrants inspected, 126; number passed, 126.

C. E. D. LORD,
Assistant Surgeon, U. S. M. H. S.

Report of immigrants inspected at the port of Philadelphia, Pa., during the month of March, 1902.

Total number of immigrants inspected, 1,630; number passed, 1,602; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 28.

H. W. AUSTIN,
Surgeon, U. S. M. H. S.

Reports from national quarantine

Number	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	UNITED STATES:				
2	Alexandria, Va.....	Apr. 12
3	Apalachicola, Fla.....	do.
4	Beaufort, N. C.....	do.
5	Biscayne Bay, Fla.....	Apr. 5
6	Boca Grande, Fla.....	do.
7	Brunswick, Ga.....	do.
7	Cape Charles, Va.....	Apr. 12
 do.....	do.	Am. sc. Samuel H. Sharp (a).	Mar. 24	New York.....
8	Cape Fear, N. C.....	Apr. 5	Am. sc. Elsie M. Harris (a). Swd. bk. Arabella.....	Mar. 28 Mar. 30 do..... Algoa Bay.....
9	Cedar Key, Fla.....	Apr. 12
10	Columbia River, Oreg.....	Mar. 29
11	Cumberland Sound, Fla...	Apr. 5
12	Delaware Breakwater Quarantine, Lewes, Del.	Apr. 12 Apr. 5
13	Dutch Harbor, Alaska.....
14	Eureka, Cal.....	Apr. 5
15	Grays Harbor, Wash.....	do.
16	Gulf Quarantine, Ship Island, Miss.	do.	It. bk. Jura (a)..... It. bk. Agostino Ripet- to (a). Nor. bk. Magellan..... Rus. bk. Europa.....	Feb. 26 Mar. 6 Mar. 30 Mar. 31	Cape Town via Barbados. Cape Town..... Rio de Janeiro via Barbados. Cape Town.....
17	Key West, Fla.....	do.
18	Los Angeles, Cal.....	do.
19	Newbern, N. C.....	Mar. 29 Apr. 5
20	Nome, Alaska.....
21	Pascagoula, Miss.....	Apr. 5
22	Port Angeles, Wash.....	Mar. 29
23	Portland, Me.....	Apr. 5
24	Port Townsend, Wash.....	do.	Am. sc. Endeavor..... Br. ss. Kaison.....	Apr. 1 Apr. 2	Manila..... Glasgow.....
25	Punta Grande, Fla.....	Apr. 12
26	Punta Rasa, Fla.....	do.
27	Reedy Island, Del.....	Apr. 5
28	St. Georges Sound, Fla.: East Pass.....	do.
29	West Pass.....
30	St. Johns River, Fla.....	Apr. 5
31	San Diego, Cal.....	do.	U. S. S. Wheeling.....	Apr. 3	Magdalena, Mex..
32	San Francisco, Cal.....	Mar. 29	Am. ss. City of Puebla..... U. S. army transport Eg- bert. Am. ss. Queen.....	Mar. 23 Mar. 27 Mar. 28	Victoria..... Manila via Hon- olulu. Victoria.....

a Previously reported.

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report.....	
3				do.....	
4					5
5					5
6				Am. ss. Inez N. Carver fourteen days from Boston; previous port of departure, Rosario.	
7	Hampton Roads.	Disinfected and held.....	Apr. 10	1 case smallpox; patient transferred to Fishermans Island for treatment; crew exposed.	1 6
8	do	Redisinfected and held		do.....	
9	Wilmington.....	Ballast discharged and fumigated.		93 rats collected and burnt.	1
10				No report.....	
11				53 Chinese members of crew and 7 Japanese passengers en route to Mexico on Br. ss. Indrapura from Hongkong examined.	2
12				No report.....	1
13				No report.....	2
14				do.....	
15				No transactions.....	
16	Mobile.....	Disinfected and held.....	Mar. 31		3
17	do	do.....	Mar. 30		
18	do	do.....			5
19	do	Held for disinfection.....			7
20				No transactions.....	1
21				do.....	
22				No report.....	5
23				No transactions.....	2
24	Port Townsend..	Ballast discharged and hold washed with bichloride.	Apr. 1		8
25	Seattle.....	Sulphured to kill rats.....	Apr. 3	Glandular region of fore-castle crew and steerage passengers on Am. ss. Tacoma from Hongkong, examined.	
26				No report.....	
27				do.....	27
28					2
29				No report.....	
30					2
31	San Diego	Boarded and passed.....	Apr. 3	On statement of medical officer.	
32	San Francisco.....	do.....	Mar. 23		6
33	do	Disinfected.....	Mar. 30	Forecastle crew and steerage passengers bathed and effects disinfected.	
34	do	Boarded and passed.....	Mar. 28	41 steerage passengers on Am. ss. Alameda, from Honolulu, held to complete ten days' period 1 case German measles on Br. ss. Gaelic, from Hongkong, en route; physical examination of fore-castle crew and steerage passengers.	

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES—Continued.				
	San Francisco, Cal.....	Apr. 5	Am. ss. Sierra.....	Apr. 1	Sydney.....
			Am. ss. Umatilla.....	Apr. 2	Victoria.....
			Am. ss. Eureka.....	Apr. 4	Honolulu.....
33	San Pedro, Cal.....	do.			
34	Santa Rosa, Fla.....	Apr. 8	It. bk. Hawksburg (a).....	Mar. 26	Limerick.....
			Sp. ss. Ballester No. 1.....	Apr. 2	Philadelphia.....
			It. bk. Titania.....	Apr. 4	Cape Town.....
			Ger. bk. Adele.....	do.	Port Elizabeth.....
			Sp. ss. Vivina.....	Apr. 5	Tampa.....
			Sp. ss. Ganecogorta.....	do.	Huelva.....
35	Savannah, Ga.....	Apr. 5	Nor. bk. Nor (a).....	Mar. 26	Havana.....
			Nor. bk. Justo (a).....	Mar. 28	Curacao.....
			Nor. ss. Phoenix (a).....	do.	New York.....
36	South Atlantic Quarantine, Blackbeard Island, Ga.	do.	Br. ss. Irisbrook.....	Apr. 2	Baltimore.....
37	Tampa Bay, Fla.....	do.			
38	Washington, N. C.....	do.			
	CUBA:				
39	Baracoa.....	Mar. 29			
40	Batabano.....	do.			
41	Caibarien.....	Apr. 5			
42	Cardenas.....	do.			
43	Casilda.....	Apr. 4			
44	Cienfuegos.....	Apr. 5	U. S. S. Kanawha.....	Apr. 1	Santiago.....
45	Daiquiri.....	Mar. 22			
46	Gibara.....	Mar. 29			
47	Guantanamo.....	Apr. 5			
48	Havana.....	Mar. 29			
		do.			
49	Isabela de Sagua.....	Apr. 5	Ss. Excelsior.....	Mar. 31	New Orleans.....
50	Manzanillo.....	do.			
51	Matanzas.....	Mar. 29			
52	Nuevitas.....	Apr. 5			
53	Puerto Padre.....	do.			
54	Santa Cruz del Sur.....	do.			
55	Santiago de Cuba.....	Mar. 29	U. S. S. Kanawha.....	Mar. 23	Havana.....
		do.	Prov. flag ss. Maria Herrera.	Mar. 23	do.....
	HAWAII:				
56	Hilo.....	Mar. 22			
57	Honolulu.....	Mar. 29			
58	Kahului.....	do.			
59	Kihel, Maui.....	do.			
60	Koloe, Kauai.....	do.			
61	Lahaina.....	do.			
	PHILIPPINES:				
62	Cebu.....	do.			
63	Iloilo.....	do.			
64	Manila.....	do.			

a Previously reported.

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	San Francisco.....	Disinfected.....	Apr. 3	1 case suspected plague left at Honolulu; vessel and effects of crew, steerage, and second cabin passengers disinfected.	16
.....	do.....	Boarded and passed.....	Apr. 2	Physical examination of fore-castle, crew and steerage passengers on Jap. ss. Hongkong Maru from Hongkong
.....	do.....	Held for disinfection.....	No transactions.....
33	Pensacola.....	Ballast discharged; vessel cleaned.	Apr.	1 vessel spoken and passed.	4
.....	do.....	Boarded and passed.....	Apr. 2
.....	do.....	Held to discharge ballast and disinfect.
.....	do.....	do.....
.....	do.....	Boarded and passed.....	Apr. 5
.....	do.....	do.....	do.	Via Newport News and Biloxi.
35	Tybee for orders.	Subject to quarantine restrictions.	1
.....	do.....	do.....	Apr. 4	Sailed for Wilmington without pratique.
.....	Savannah.....	Fumigated.....	Mar. 30	Previous port Progresso.
36	Sapelo.....	Held pending instructions from Bureau.	Apr. 3	From Rio de Janeiro via Baltimore; thirty-five days out; preliminary disinfection at Baltimore; released on authority of Bureau telegram.
37	4
38	No transactions.....
39	No report.....
40	5
41	5
42	11 vessels passed without inspection.	1
43	11
44	Sea.....	Boarded and passed.....	4 vessels passed without inspection.	7
45	3
46	No report.....	3
47	5 vessels passed without inspection.	1
48	1 case of fever on Br. ss. Straits of Dover from Norfolk.	24
49	New Orleans.....	Disinfected.....	Apr. 4	14 vessels passed without inspection.	32
50	1 vessel passed without inspection.	4
51	4 vessels passed without inspection.	6
52	No report.....	2
53	do.....
54	do.....
55	Kingston.....	Boarded and passed.....	Mar. 24	On master's certificate.....	9
.....	San Juan.....	Disinfected.....	Mar. 25	6 vessels passed without inspection.
56	No report.....
57	do.....
58	do.....
59	do.....
60	do.....
61	do.....
62	do.....
63	do.....
64	do.....

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	PORTO RICO:				
65	Ponce.....	Mar. 29	Ger. ss. Valencia	Mar. 26	Curacao.....
66	San Juan.....do.....	U. S. S. Dolphin.....	Mar. 28	Guantanamo.....
	Supports—				
67	Aguadillado.....
68	Arecibo.....do.....
69	Arroyodo.....
70	Fajardodo.....
71	Humacao.....do.....
72	Mayaguez.....do.....	Ss. Valencia.....	Mar. 26	Carupano

Reports from State and

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md	Apr. 12
2	Bangor, Medo.....
3	Boston, Mass.....do.....
4	Charleston, S. C.....	Apr. 5
5	Elizabeth River, Va.....	Apr. 12
6	Galveston, Tex.....	Apr. 5
7	Gardiner, Oreg.....do.....
8	Marcus Hook, Pa.....	Apr. 12
9	Mobile Bay, Ala	Apr. 5
10	New Bedford, Mass.....	Apr. 12
11	New Orleans, La.....	Apr. 5	Br. ss. Michigan	Mar. 31	Durban via Baltimore.
			Br. ss. Monterey.....	Apr. 1	East London, South Africa.
			Br. ss. Olympia.....	Apr. 2	Port Limon
			Br. ss. Cayo Largo.....	Apr. 4	Mexican ports via Tampa.
12	Newport News, Va.....	Apr. 12
13	Newport, R. I.....do.....
14	New York, N. Ydo.....
15	Pass Cavallo, Tex.....do.....
16	Port Royal, S. C.....do.....
17	Providence, R. I.....do.....
18	Quintana, Tex.....do.....
19	Sabine Pass, Tex.....do.....
20	St. Helena Entrance, S. C.....do.....

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
65	Hamburg	Held in quarantine.....			1
66	Key West.....	Boarded and passed.....	Mar. 28	On medical officers' certificate.	7
67				No transactions.....	1
68					
69				No transactions.....	
70				do	
71				do	
72	Aguadilla.....	Held in quarantine.....	Mar. 26		1

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report.....	
2				do	
3				do	
4					5
5				No report.....	
6					3
7				No report.....	
8				do	
9					12
10				No report.....	
11	New Orleans.....	Disinfected.....	Mar. 31		
	do	do	Apr. 1		
	do	do	Apr. 2		
	do	do	Apr. 4		
12				No report.....	
13				do	
14				do	
15				do	
16				do	
17				do	
18				do	
19				do	
20				do	

*Smallpox in the United States as reported to the Surgeon-General United States
Marine-Hospital Service, December 28, 1901, to April 18, 1902.*

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for
December 27, 1901.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	Dec. 1-Feb. 28	18	
Mobile.....	Apr. 8.....	2	
Total for State		20	
Total for State, same period, 1901		45	3	
Alaska:				
Hooplah.....	Dec. 8-Dec. 31	8	
Arizona:				
Naco.....	Feb. 23.....	12	
Yuma.....	Jan. 1.....	100	Estimated.
Total for Territory.....		112	
Arkansas:				
Mississippi County.....	Feb. 18.....	100	
Pulaski County (including Little Rock).....	Jan. 12-Jan. 22	50	1	
Total for State.....		50	101	
California:				
Humboldt County.....	Feb. 2.....	30	
Los Angeles.....	Dec. 29-Apr. 5	60	
Oakland.....	Jan. 1-Mar. 31	17	
Sacramento.....	Feb. 2-Mar. 15	7	
San Diego.....	Jan. 2-Apr. 1	7	One case on ss. Spokane.
San Francisco.....	Dec. 16-Mar. 29	124	
Stockton.....	Jan. 1-Jan. 13	24	
Total for State.....		269	
Total for State, same period, 1901.....		58	
Colorado:				
Arapahoe County (Denver)....	Dec. 1-Mar. 29	43	
Archuleta County.....	Dec. 1-Feb. 28	23	
Bent County.....	Feb. 1-Feb. 28	10	
Boulder County.....	do.....	3	
Chaffee County.....	Dec. 1-Feb. 28	1	
Clear Creek County.....	do.....	4	
Delta County.....	do.....	57	
El Paso County.....	do.....	48	
Fremont County.....	do.....	4	
Gilpin County.....	do.....	38	
Grand County.....	Feb. 1-Feb. 28	12	
Gunnison County.....	Dec. 1-Jan. 31	14	
Hinsdale County.....	Dec. 1-Jan. 31	35	
Huerfano County.....	do.....	1	
Jefferson County.....	do.....	8	
La Plata County.....	Dec. 1-Feb. 28	4	
Las Animas County.....	do.....	21	
Logan County.....	do.....	3	
Mesa County.....	do.....	68	
Mineral County.....	Dec. 1-Jan. 31	1	
Montrose County.....	Dec. 1-Feb. 28	32	
Morgan County.....	Dec. 1-Jan. 31	1	
Otero County.....	Dec. 1-Feb. 28	19	
Pitkin County.....	do.....	3	
Prowers County.....	Feb. 1-Feb. 28	2	
Pueblo County.....	Dec. 1-Feb. 28	14	
Rio Blanco County.....	Feb. 1-Feb. 28	11	
Rio Grande County.....	Dec. 1-Feb. 28	12	
San Juan County.....	Feb. 1-Feb. 28	1	
San Miguel County.....	Dec. 1-Feb. 28	19	
Teller County.....	do.....	6	
Weld County.....	Feb. 1-Feb. 28	26	
Total for State.....		544	
Total for State, same period, 1901.....		1,763	
District of Columbia:				
Washington.....	Jan. 12-Mar. 8	7	
Total for District, same period, 1901.....		50	
Florida:				
Escambia County.....	Mar. 4.....	1	
Jacksonville.....	Mar. 9-Mar. 29	13	1 on ss. M. S. Patten.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Florida—Continued.				
Key West	Feb. 5.....	1		
Total for State		15		
Total for State, same period, 1901.		93		
Georgia:				
Augusta.....	Mar. 1-Mar. 31		1	
South Atlantic Quarantine.....	Mar. 12.....	1		On sc. L. C. Anderson.
Total for State, same period, 1901.		22		
Illinois:				
Belleville.....	Jan. 12-Mar. 29	27		
Cairo	Mar. 30-Apr. 5	3		
Chicago.....	Jan. 5-Apr. 12	99	1	
Danville.....	Jan. 19-Apr. 5	22		
Freeport.....	Jan. 5-Feb. 8	6		
Galesburg.....	Jan. 12-Mar. 1	13		
Joliet.....	Mar. 2-Mar. 22	9		
Peoria.....	Dec. 1-Feb. 28	67		
Springfield.....	Dec. 1-Jan. 31	314		
Total for State		560	1	
Total for State, same period, 1901.		319	2	
Indiana:				
Adams County.....	Jan. 1-Feb. 28	65		
Allen County.....	Feb. 1-Feb. 28	5		
Cass County.....	do.....	5	1	
Clark County.....	do.....	13		
Clay County.....	do.....	3		
Daviess County.....	Jan. 1-Jan. 31	15		
Dearborn County.....	do.....	11		
Decatur County.....	do.....	2		
DeKalb County.....	do.....	1		
Delaware County (Muncie) ..	Jan. 1-Mar. 31	8	1	
Dubois County.....	Feb. 1-Feb. 28	17		
Elkhart County (Elkhart).....	Feb. 2-Mar. 15	37		
Floyd County.....	Jan. 1-Jan. 31	9		
Fountain County.....	Jan. 1-Feb. 28	52		
Gibson County.....	do.....	31		
Grant County.....	do.....	16		
Greene County.....	do.....	26		
Hancock County.....	Feb. 1-Feb. 28	15		
Howard County.....	Jan. 31-Feb. 28	11	1	
Huntington County.....	Feb. 1-Feb. 28	17		
Jackson County.....	do.....	2		
Jay County.....	do.....	5		
Jefferson County.....	Jan. 1-Jan. 31	17	1	
Knox County.....	Jan. 1-Feb. 28	66	1	
Lagrange County.....	Feb. 1-Feb. 28	2		
Laporte County (Michigan City).....	Feb. 17-Mar. 17	2		
Marion County (Indianapolis)	Jan. 1-Apr. 5	148		
Marshall County.....	Jan. 1-Jan. 31	7		
Martin County.....	Feb. 1-Feb. 28	6		
Monroe County.....	Jan. 1-Jan. 31	8		
Montgomery County (Craw- fordsville).....	Jan. 1-Mar. 8	60		
Morgan County.....	Jan. 1-Feb. 28	30		
Noble County.....	Feb. 1-Feb. 28	24		
Owen County.....	Jan. 1-Feb. 28	20		
Perry County.....	do.....	37	1	
Pike County.....	Jan. 1-Jan. 31	7		
Porter County.....	Feb. 1-Feb. 28	1		
Pulaski County.....	do.....	8	1	
Shelby County.....	Jan. 1-Feb. 28	15	1	
Spencer County.....	do.....	100		
Union County.....	do.....	3		
Vanderburg County (Evans- ville).....	Dec. 15-Apr. 5	86		
Vigo County (Terre Haute).....	Jan. 1-Apr. 5	18		
Wabash County.....	Jan. 1-Feb. 28	12		
Warrick County.....	do.....	78	1	
Wayne County.....	do.....	48		
Wells County.....	do.....	14		
Total for State		1,183	9	
Total for State, same period, 1901.		557		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indian Territory:				
Duncan	Feb. 4.....	6		
Total for Territory, same period, 1901.		16		
Iowa:				
Adair County.....	Jan. 1-Jan. 31			Present.
Allamakee County.....	do			Do.
Benton County.....	do			Do.
Boone County.....	do			Do.
Buena Vista County.....	do			Do.
Cherokee County.....	do			Do.
Chicasaw County.....	Nov. 1-Jan. 31			Do.
Clayton County.....	Nov. 1-Feb. 15			Do.
Clinton County (Clinton).....	Nov. 1-Mar. 22	19		
Crawford County.....	Nov. 1-Feb. 15			Do.
Dallas County.....	do			Do.
Davis County.....	do			Do.
Delaware County.....	do			Do.
Des Moines County.....	do			Do.
Dubuque County.....	do			Do.
Floyd County.....	do			Do.
Fremont County.....	do			Do.
Hardin County.....	Jan. 1-Jan. 31			Do.
Henry County.....	do			Do.
Iowa County.....	Nov. 1-Jan. 31			Do.
Jasper County.....	Jan. 1-Jan. 31			Do.
Linn County.....	do			Do.
Louisa County.....	Nov. 1-Jan. 31			Do.
Lucas County.....	Jan. 1-Jan. 31			Do.
Lyon County.....	Nov. 1-Jan. 31			Do.
Mahaska County.....	Jan. 1-Jan. 31			Do.
Monroe County.....	do			Do.
Montgomery County.....	do			Do.
O'Brien County.....	Nov. 1-Jan. 31			Do.
Osceola County.....	Jan. 1-Jan. 31			Do.
Plymouth County.....	do			Do.
Pocahontas County.....	do			Do.
Polk County.....	Nov. 1-Jan. 31			Do.
Poweshies County.....	Jan. 1-Jan. 31			Do.
Sac County.....	Nov. 1-Jan. 31			Do.
Scott County (Davenport).....	Dec. 1-Feb. 28	33		
Sioux County.....	Jan. 1-Jan. 31			Do.
Taylor County.....	do			Do.
Wapello County (Ottumwa).....	Dec. 1-Mar. 29	153		
Warren County.....	Nov. 1-Jan. 31			Do.
Washington County.....	Jan. 1-Jan. 31			Do.
Woodbury County.....	do			Do.
Worth County.....	do			Do.
Total for State.....		205		
Total for State, same period, 1901.		25		
Kansas:				
Allen County.....	Dec. 1-Mar. 31	40		
Anderson County.....	Dec. 1-Mar. 31	22		
Atchison County.....	Mar. 1-Mar. 31	19		
Brown County.....	Dec. 1-Mar. 31	4		
Chautauqua County.....	Dec. 1-Feb. 28	72		
Cherokee County.....	Dec. 1-Mar. 31	28		
Clay County.....	Dec. 1-Feb. 28	5		
Cloud County.....	Dec. 1-Mar. 31	108		
Cowley County.....	do	13		
Crawford County (Girard).....	do	193		
Decatur County.....	Dec. 1-Feb. 28	40		
Dickinson County.....	Feb. 1-Mar. 31	20		
Ellsworth County.....	Feb. 1-Feb. 28	6		
Greenwood County.....	Dec. 1-Mar. 31	20		
Hamilton County.....	Feb. 1-Feb. 28	71		
Harper County.....	Feb. 1-Mar. 31	5		
Jackson County.....	Feb. 1-Feb. 28	7		
Jefferson County.....	Dec. 1-Mar. 31	10		
Jewell County.....	Dec. 1-Feb. 28	8		
Kingman County.....	do	2		
Labette County.....	do	2		
Leavenworth County.....	do	1		
Lincoln County.....	do	7		
McPherson County.....	Feb. 1-Mar. 31	43		
Marion County.....	Dec. 1-Feb. 28	9		
Marshall County.....	do	82		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Miami County.....	Feb. 1-Mar. 31	2	
Mitchell County (Beloit).....	Dec. 1-Mar. 31	82	
Montgomery County (Coffeyville).....	Dec. 1-Feb. 28	22	
Morris County.....	Feb. 1-Mar. 31	Number not known.
Nemaha County.....	Dec. 1-Mar. 31	4	
Norton County.....	Mar. 1-Mar. 31	2	
Osborne County.....	Feb. 1-Mar. 31	2	
Ottawa County.....	Dec. 1-Mar. 31	35	
Phillips County.....	Dec. 1-Mar. 31	39	1	
Pratt County.....	Mar. 1-Mar. 31	10	
Rawlins County.....	Feb. 1-Mar. 31	8	
Reno County.....	Dec. 1-Mar. 31	2	
Russell County.....	Mar. 1-Mar. 31	1	
Saline County (Salina).....	Dec. 1-Mar. 31	72	
Sedgwick County (Wichita).....	Dec. 1-Mar. 31	35	
Shawnee County.....	Dec. 1-Mar. 31	110	
Smith County.....do.....	19	
Stafford County.....do.....	41	1	
Sumner County.....do.....	98	
Thomas County.....	Feb. 1-Mar. 31	2	
Washington County.....	Dec. 1-Mar. 31	156	
Total for State.....		1,579	2	
Total for State, same period, 1901.....		3,785	20	
Kentucky:				
Covington.....	Jan. 27-Apr. 6	85	
Lexington.....	Dec. 22-Mar. 15	18	2	
Louisville.....	Jan. 1-Jan. 31	19	
Total for State.....		122	2	
Total for State, same period, 1901.....		42	1	
Louisiana:				
Caddo.....	Jan. 1-Mar. 1	145	
Catahoula.....	Feb. 1-Mar. 1	1	
Nachitoches.....do.....	19	1	
New Orleans.....	Dec. 15-Mar. 15	23	4	
Ninon.....	Feb. 1-Mar. 1	1	
Sabine.....do.....	6	
Shreveport.....	Dec. 15-Apr. 5	140	
Total for State.....		335	5	
Total for State, same period, 1901.....		196	43	
Maine:				
Durham.....	Feb. 15-Mar. 22	13	
Freeport.....	Feb. 19-Mar. 22	1	
Hollis.....	Mar. 7-Mar. 22	1	
Portland.....	Dec. 22-Mar. 29	28	3	
Saco.....	Mar. 7-Mar. 22	6	
Sanford.....	Mar. 15-Mar. 19	1	
Scarboro.....	Mar. 7-Mar. 22	1	
South Portland.....do.....	4	
Washington Mills.....	To Mar. 22.....	1	
Westbrook.....do.....	1	
Total for State.....		57	3	
Total for State, same period, 1901.....		1	
Maryland:				
Baltimore.....	Feb. 2-Apr. 12	18	1	
Cumberland.....	Mar. 1-Mar. 31	7	
Total for State.....		25	1	
Total for State, same period, 1901.....		26	
Massachusetts:				
Blackstone.....	Jan. 2-Jan. 8	2	
Boston.....	Dec. 22-Apr. 12	477	82	
Brockton.....	Dec. 29-Apr. 5	8	
Brookline.....	Jan. 12-Jan. 25	2	
Cambridge.....	Dec. 15-Apr. 5	53	7	
Chelsea.....	Dec. 29-Jan. 4	1	
Chicopee.....	Jan. 19-Mar. 15	3	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Massachusetts—Continued.				
Clinton	Jan. 5-Jan. 11	3		
Everett	Jan. 26-Apr. 12	15	1	
Fall River	Dec. 22-Feb. 6	2		
Fitchburg	Mar. 16-Mar. 22	3		
Haverhill	Feb. 23-Mar. 15	2		
Holyoke	Jan. 12-Apr. 5	47		
Lawrence	Mar. 2-Mar. 29	8	1	
Lowell	Dec. 29-Apr. 12	12		
Malden	Dec. 15-Mar. 22	9	1	
Marlboro	Jan. 5-Jan. 11	1		
Medford	Dec. 22-Mar. 29	6		
Melrose	Mar. 5-Apr. 5	2	1	
New Bedford	Jan. 17-Apr. 12	23		
Newburyport	Jan. 26-Mar. 22	9	1	
Newton	Dec. 29-Apr. 5	4		
North Adams	Feb. 23-Mar. 1	1		
Quincy	Dec. 22-Apr. 5	11	2	
Somerville	Dec. 29-Apr. 12	20	1	
Taunton	Feb. 9-Mar. 29	4		
Waltham	Jan. 26-Mar. 1	3	1	
Weymouth	Jan. 5-Mar. 1	5	1	
Woburn	Dec. 15-Feb. 1	2	1	
Total for State		738	100	
Total for State, same period, 1901.		12	1	
Michigan:				
Alcona County	Mar. 15-Mar. 22			Present.
Alcona County	Mar. 22-Apr. 5			Do.
Alcona County	Feb. 15-Apr. 5			Do.
Alcona County	Feb. 22-Apr. 5			Do.
Antrim County	Feb. 15-Apr. 5			Do.
Arenac County	do			Do.
Barry County	Feb. 15-Mar. 1			Do.
Bay County (Bay City)	Jan. 25-Apr. 5	15		
Benzie County	Feb. 22-Mar. 1			Do.
Berrien County	Feb. 22-Apr. 5			Do.
Branch County	Feb. 15-Apr. 5			Do.
Cass County	do			Do.
Charlevoix County	do			Do.
Cheboygan County	Feb. 15-Apr. 5			Do.
Chippewa County	Mar. 15-Apr. 5			Do.
Clare County	Feb. 15-Apr. 5			Do.
Clinton County	do			Do.
Crawford County	Feb. 15-Mar. 1			Do.
Delta County	Feb. 15-Apr. 5			Do.
Dickinson County	do			Do.
Eaton County	Mar. 29-Apr. 5			Do.
Emmet County	Feb. 15-Feb. 22			Do.
Genesee County	Feb. 15-Apr. 5			Do.
Gladwin County	do			Do.
Gogebic County	Feb. 15-Feb. 22			Do.
Grand Traverse County	Feb. 15-Apr. 5			Do.
Gratiot County	do		1	
Houghton County	do			Do.
Huron County	Mar. 15-Apr. 5			Do.
Ingham County	Feb. 15-Mar. 29			Do.
Ionia County	Feb. 15-Apr. 5			Do.
Iosco County	Mar. 22-Apr. 5			Do.
Iron County	Feb. 15-Apr. 5			Do.
Isabella County	do			Do.
Kalamazoo County	Feb. 22-Mar. 29			Do.
Kalamazoo County	Feb. 15-Apr. 5			Do.
Kalamazoo County	Dec. 15-Apr. 5	13	1	
Lapeer County	Feb. 22-Apr. 5			Do.
Leelanaw County	Feb. 22-Mar. 29			Do.
Leelanaw County	Feb. 15-Feb. 22			Do.
Lenawee County	Mar. 29-Apr. 5			Do.
Livingston County	Mar. 15-Apr. 5			Do.
Mackinac County	Feb. 15-Apr. 5			Do.
Macomb County	do			Do.
Manistee County	do			Do.
Marquette County	do			Do.
Mason County (Ludington)	Jan. 27-Apr. 5	70		
Mecosta County	Feb. 15-Apr. 5			Do.
Menominee County	Feb. 22-Apr. 5			Do.
Midland County	do			Do.
Missaukee County	do			Do.
Montcalm County	do			Do.
Montmorency County	do			Do.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Muskegon County.....	Feb. 22-Apr. 5	Present.
Newaygo County.....	do	Do.
Oakland County.....	Feb. 15-Feb. 22	Do.
Oceana County.....	Feb. 15-Apr. 5	Do.
Ogemaw County.....	Feb. 15-Mar. 1	Do.
Osceola County.....	Feb. 15-Apr. 5	1	Do.
Otsego County.....	do	Do.
Ottawa County.....	Feb. 15-Apr. 5	Do.
Presque Isle County.....	do	1	Do.
Saginaw County.....	do	Do.
St. Clair County.....	Feb. 22-Apr. 5	Do.
St. Joseph County (Three Rivers).	Mar. 22-Apr. 5	Do.
Sanilac County.....	Feb. 22-Apr. 5	Do.
Shiawassee County.....	do	Do.
Tuscola County.....	do	Do.
Van Buren County.....	do	Do.
Washtenaw County (Ann Arbor).	Jan. 12-Mar. 19	14
Wayne County (Detroit).....	Jan. 5-Apr. 12	104	1
Wexford County.....	Feb. 15-Apr. 5	Do.
Total for State.....		216	5	Smallpox was reported present in 59 counties; at 157 places during the week ended Apr. 5, 1902.
Total for State, same period, 1901.		49	3	
Minnesota:				
Aitkin County.....	Dec. 3-Mar. 3	19
Anoka County.....	do	47
Becker County.....	Dec. 3-Mar. 17	70
Beltrami County.....	Dec. 3-Mar. 24	208	1
Benton County.....	Dec. 3-Mar. 3	8
Big Stone County.....	Dec. 3-Mar. 21	68	2
Blue Earth County.....	do	88
Brown County.....	Jan. 27-Mar. 3	7
Carver County.....	Dec. 3-Mar. 24	369	3
Cass County.....	do	56
Chippewa County.....	Dec. 3-Mar. 10	10
Chisago County.....	Dec. 3-Mar. 24	7
Clay County.....	do	241
Cottonwood County.....	do	32
Crow Wing County.....	Dec. 3-Mar. 10	102	2
Dakota County.....	Dec. 3-Mar. 24	47
Dodge County.....	Dec. 3-Mar. 3	12
Douglas County.....	Jan. 27-Mar. 10	17
Faribault County.....	Dec. 3-Mar. 24	88
Fillmore County.....	Jan. 20-Mar. 17	29
Freeborn County.....	do	7
Goodhue County.....	Dec. 3-Mar. 17	125
Grant County.....	Feb. 17-Feb. 24	2
Hennepin County (Minneapolis).	Dec. 3-Mar. 24	355	1
Houston County.....	do	77
Hubbard County.....	do	140
Isanti County.....	do	22	1
Itasca County.....	do	48
Jackson County.....	do	165
Kanabec County.....	do	107
Kandiyohi County.....	do	33
Kittson County.....	Dec. 3-Mar. 17	65
Lac qui Parle County.....	Dec. 3-Feb. 24	6
Lake County.....	Feb. 17-Feb. 24	2
Le Sueur County.....	Dec. 3-Feb. 24	16
Lincoln County.....	Dec. 3-Mar. 24	148	1
Lyon County.....	do	87
McLeod County.....	do	11
Marshall County.....	do	120
Martin County.....	do	99
Meeker County.....	do	43
Millers County.....	Dec. 3-Mar. 17	31
Morrison County.....	Dec. 3-Mar. 24	57
Mower County.....	Dec. 3-Mar. 17	90
Murray County.....	Dec. 3-Mar. 3	6
Nicollet County.....	Jan. 27-Feb. 24	9
Nobles County.....	Jan. 1-Mar. 24	16
Norman County.....	Dec. 3-Mar. 3	94	2
Olmsted County (Rochester).....	Dec. 3-Mar. 24	49
Ottertail County.....	do	115	1
Pine County.....	Dec. 3-Feb. 24	5
Pipestone County.....	Dec. 3-Mar. 24	325	1
Polk County.....	do	133

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Pope County.....	Dec. 3-Mar. 3	78	1	
Ramsey County (St. Paul).....	Dec. 3-Mar. 24	73		
Red Lake County.....do.....	161	5	
Red Wood County.....do.....	86	1	
Renville County.....do.....	34		
Rice County.....do.....	49		
Rock County.....do.....	57		
Roseau County.....	Jan. 20-Mar. 17	10		
St. Louis County (Duluth).....	Dec. 3-Mar. 24	168	1	
Scott County.....do.....	37		
Sherburne County.....do.....	8	1	
Sibley County.....do.....	9		
Stearns County.....do.....	134		
Steele County.....	Dec. 3-Mar. 17	27		
Stevens County.....	Dec. 3-Feb. 24	13		
Swift County.....	Jan. 27-Mar. 24	11		
Todd County.....	Dec. 3-Mar. 24	90		
Traverse County.....do.....	93		
Wabasha County.....	Dec. 3-Mar. 17	21		
Wadena County.....	Dec. 3-Mar. 10	33		
Waseca County.....	Jan. 27-Mar. 17	66		
Washington County.....	Dec. 3-Mar. 24	43		
Watsonwan County.....	Dec. 3-Mar. 10	4		
Wilkin County.....do.....	8		
Winona County (Winona).....	Dec. 3-Mar. 17	37		
Wright County.....	Dec. 3-Mar. 24	57		
Yellow Medicine County.....	Dec. 3-Feb. 24	1		
Total for State.....		5,515	24	
Total for State, same period, 1901.		2,746	3	
Missouri:				
Carthage.....	Jan. 1-Feb. 28	47		
Hannibal.....	Jan. 12-Feb. 28	7		
St. Louis.....	Dec. 16-Apr. 6	1,249	11	
Total for State.....		1,303	11	
Total for State, same period, 1901.		173	1	
Montana:				
Butte.....	Jan. 13-Apr. 5	26	1	
Helena.....	Mar. 1-Mar. 31	1		
Total for State.....		27	1	
Total for State, same period, 1901.		218	2	
Nebraska:				
Adams County.....	Feb. 1-Mar. 20	22		
Antelope County.....do.....	3		
Boone County.....do.....	13		
Boyd County.....do.....	5		
Buffalo County (including Kearney).....do.....	19		
Burt County.....do.....	6		
Butler County.....do.....	27		
Cass County.....do.....	12		
Cedar County (including Hartington).....do.....	107		
Cheyenne County.....do.....	2		
Clay County.....do.....	17		
Colfax County.....do.....	4		
Cuming County.....do.....	1		
Custer County.....do.....	4		
Dakota County.....do.....	16		
Dawes County.....do.....	13		
Dawson County.....do.....	1		
Dixon County.....do.....	6		
Dodge County (including Fremont).....do.....	22		
Douglas County (including Omaha and South Omaha).....	July 1-Mar. 31	1,187	6	
Fillmore County.....	Feb. 1-Mar. 20	1		
Furnas County.....do.....	23		
Gage County (including Beatrice).....do.....	71		
Hall County.....do.....	8		
Hamilton County.....do.....	23		
Holt County (including O'Neil).....do.....	30		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Nebraska—Continued.				
Jefferson County.....	Feb. 1-Mar. 20	1	
Johnson County (including Tecumseh).....	do	20	
Kearney County.....	do	10	
Keyapaha County (including Springview).....	do	18	
Knox County.....	do	10	
Lancaster County (including Lincoln).....	do	118	
Lincoln County.....	do	2	
Madison County.....	do	14	
Merrick County.....	do	1	
Nance County.....	do	1	
Nemaha County (including Auburn).....	do	23	
Nuckolls County (including Hardy).....	do	13	
Otoe County.....	do	3	
Pawnee County.....	do	1	
Phelps County.....	do	1	
Pierce County (including Plainview).....	do	11	
Platte County.....	do	4	
Richardson County (including Falls City and Dawson).....	do	28	
Sarpy County (including Bellevue).....	do	26	
Saunders County (including Wahoo and Valparaiso).....	do	35	
Seward County (including Tamora).....	do	26	
Sheridan County.....	do	1	
Stanton County (including Stanton).....	do	35	
Thayer County.....	do	3	
Thurston County.....	do	5	
Washington County.....	do	2	
Wayne County.....	do	10	
Webster County.....	do	1	
York County.....	do	1	
Total for State.....		2,067	6	
Total for State, same period, 1901.....		622	4	
New Hampshire:				
Bartlett.....	Mar. 1-Apr. 1	2	
Berlin.....	do	11	
Epping.....	do	1	
Franklin.....	do	5	
Goffstown.....	do	1	
Grantham.....	do	1	
Nashua.....	Dec. 15-Apr. 1	15	
Total for State.....		36	
Total for State, same period, 1901.....		324	
New Jersey:				
Camden County.....	Dec. 22-Apr. 12	118	20	
Essex County (Newark).....	Dec. 15-Apr. 12	455	91	
Hudson County (Jersey City included).....	Dec. 23-Apr. 6	503	30	
Passaic County.....	Nov. 16-Mar. 15	10	3	
Union County.....	Jan. 12-Mar. 29	19	2	
Total for State.....		1,105	146	
Total for State, same period, 1901.....		34	1	
New York:				
Binghamton.....	Dec. 22-Mar. 22	30	3	
Buffalo.....	June 25-Mar. 27	314	
Middletown.....	Feb. 1-Feb. 28	1	
Mount Vernon City.....	Jan. 12-Jan. 18	1	1	
New York.....	Dec. 15-Apr. 5	679	144	
Plattsburg.....	Dec. 1-Dec. 28	19	
Yonkers.....	Feb. 15-Mar. 28	6	1	
Total for State.....		1,050	149	
Total for State, same period, 1901.....		543	96	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina:				
Buncombe County.....	Nov. 1-Feb. 28	96	On a vessel.
Cabarrus County.....do	123	
Carteret County (Morehead City).....	Feb. 8-Feb. 28	1	
Cherokee County.....	Feb. 1-Feb. 28	2	Imported.
Cleveland County.....	Jan. 1-Feb. 28	2	
Cumberland County.....	Jan. 1-Jan. 31	1	
Duplin County.....	Nov. 1-Feb. 28	42	
Durham County.....do	7	
Edgecombe County.....	Nov. 1-Jan. 31	6	
Forsyth County.....	Nov. 1-Feb. 28	53	
Gaston County.....do	21	
Greene County.....do	17	
Henderson County.....do	20	
Iredell County.....do	8	
Lenoir County.....	Jan. 1-Feb. 28	7	
Lincoln County.....	Feb. 1-Feb. 28	3	
Madison County.....	Jan. 1-Jan. 31	7	
Martin County.....	Jan. 1-Feb. 28	10	
Mecklenburg County (Charlotte.).....	Nov. 1-Mar. 31	178	2	
Nash County.....	Nov. 1-Feb. 28	22	
New Hanover County (Wilmington.).....	Mar. 7.....	1	
Polk County.....	Nov. 1-Feb. 28	9	
Rockingham County.....do	15	
Rowan County.....do	2	
Rutherford County.....do	3	
Sampson County.....do	39	
Stanly County.....	Jan. 1-Feb. 28	22	
Stokes County.....	Feb. 1-Feb. 28	3	
Surry County.....	Jan. 1-Jan. 31	1	
Swain County.....	Nov. 1-Jan. 31	3	
Union County.....do	3	
Wayne County.....	Nov. 1-Feb. 28	33	
Wilson County.....do	313	1	
Total for State.....	1,073	3	
Total for State, same period, 1901.....	650	3	
North Dakota:				
Barnes County.....	Dec. 4-Mar. 18	53	2	Several cases.
Benson County.....	Mar. 8-Mar. 18	4	
Bottineau County.....	Dec. 21-Feb. 22	2	1	
Burleigh County.....	Mar. 8-Mar. 18	3	
Cass County.....	Dec. 31-Mar. 1	47	
Cavalier County.....	Jan. 1-Mar. 1	58	
Eddy County.....	Jan. 13-Feb. 22	1	
Foster County.....	Jan. 1-Feb. 22	
Grand Forks County.....	Dec. 31-Mar. 18	155	2	
Griggs County.....	Dec. 27-Mar. 18	19	
Kidder County.....	Dec. 23-Feb. 22	9	
Lamoure County.....	Dec. 3-Feb. 22	6	
McHenry County.....	Dec. 24-Feb. 22	36	
McLean County.....	Feb. 1-Feb. 22	1	
Nelson County.....	Dec. 31-Mar. 1	60	
Oliver County.....	Mar. 8-Mar. 18	4	
Pembina County.....	Dec. 31-Mar. 18	10	
Pierce County.....	Jan. 1-Mar. 18	34	
Ramsey County.....do	11	
Richland County.....	Mar. 8-Mar. 18	9	
Steele County.....	Dec. 30-Feb. 22	4	
Stutsman County.....	Dec. 31-Mar. 18	15	
Trall County.....	Jan. 1-Mar. 1	32	
Walsh County.....	Dec. 31-Mar. 18	45	
Ward County.....	July 1-Feb. 22	70	
Wells County.....	Dec. 26-Mar. 1	27	1	
Williams County.....	Dec. 18-Jan. 13	2	
Total for State.....	717	6	
Total for State, same period, 1901.....	60	1	
Ohio:				
Ashland County—				
Lake Township.....	Aug. 1-Jan. 31	
Troy Township.....do	2	
Ashtabula County—				
Ashtabula.....do	4	
Saybrook Township.....do	7	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Auglaize County—				
Moulton Township.....	Aug. 1-Jan. 31	8		
St. Marys.....	do	7		
Belmont County—				
Barnesville.....	do	14		
Bridgeport.....	do	3		
St. Clairsville.....	do	3		
Butler County—				
Hamilton.....	Jan. 28-Apr. 5	14		
Middletown.....	Jan. 19-Feb. 15	4		
Carroll County—				
Rose Township.....	Jan. 19-Jan. 31	3	1	
Champaign County—				
Urbana.....	do	2		
Clark County—				
Springfield.....	do	1		
Clermont County—				
Miami Township.....	Jan. 19-Jan. 31			
Coshocton County—				
White Eyes Township.....	do			
Crawford County—				
Auburn Township.....	do			
Crestline.....	do			
New Washington.....	do			
Cuyahoga County—				
Herea.....	do			
Cleveland.....	Dec. 28-Mar. 29	22		
Glenville.....	Aug. 1-Jan. 31			
Middleburg Township.....	do			
Rocky River.....	do			
Darke County—				
Jackson Township.....	do	3		
Union City.....	do	33		
Defiance County—				
Hicksville.....	Jan. 1-Jan. 31	34		
Mark Township.....	do	1		
Milford Township.....	do	1		
Delaware County—				
Delaware.....	Aug. 1-Jan. 31	4		
Erie County—				
Sandusky.....	do	4		
Fayette County—				
Union Township.....	Jan. 1-Jan. 31	1		
Washington Court House.....	do	1		
Franklin County—				
Clinton Township.....	Aug. 1-Jan. 31	1		
Columbus.....	do	4	1	
Gallia County—				
Cheshire Township.....	do	2		
Gallipolis.....	do	3		
Harrison Township.....	do			
Greene County—				
Cedarville Township.....	do	1		
Hamilton County—				
Cincinnati.....	Dec. 21-Apr. 4	232	2	
Lockland.....	Dec. 21-Feb. 24	1		
Mill Creek Township.....	Aug. 1-Jan. 31	1		
Pleasant Ridge.....	do	1		
Symmes Township.....	do	1		
Hancock County—				
Allen Township.....	do	1		
Findlay.....	do	46	2	
Hardin County—				
Ada.....	do			
Kenton.....	do			
Liberty Township.....	do			
McDonald Township.....	do			
Henry County—				
Napoleon.....	do			
Highland County—				
Lyonsburg.....	Jan. 1-Jan. 31	1		
Hocking County—				
Logan.....	Aug. 1-Jan. 31			
Huron County—				
Chicago Junction.....	do	3		
Jackson County—				
Jefferson Township.....	do	7		
Madison Township.....	do			
Oakhill.....	do			
Washington Township.....	do	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<i>Ohio—Continued.</i>				
Jefferson County—				
Mingo Junction	Aug. 1-Jan. 31	7		
Steubenville.....	do	3		
Knox County—				
Wayne Township.....	do	11		
Lake County—				
Mentor	do			
Lawrence County—				
Aid Township.....	do	9		
Ironton ..	do	1		
Licking County—				
Eden Township	do	1		
Hanover Township	do	8		
Newark.....	do	55		
Newton Township	do	1		
Utica ..	do	1		
Logan County—				
Belle Center	do	2		
Richland Township.....	do	3		
West Mansfield.....	do	4		
Lorain County—				
Black River Township.....	do			
Lorain	do			
Russell Township	do	8		
Lucas County—				
Toledo.....	Jan. 5-Mar. 1	10		
Madison County—				
Monroe Township	Jan. 1-Jan. 31	1		
Mahoning County—				
Youngstown.....	Dec. 22-Feb. 15	52	12	
Mercer County—				
Butler Township	Aug. 1-Jan. 31	51		
Coldwater	do	42		
Recovery Township.....	do	16		
Washington Township	do	9		
Monroe County—				
Benton Township	do			
Bethel Township.....	do	6		
Franklin Township	do			
Graysville	do			
Perry Township	do			
Washington Township	do			
Montgomery County—				
Butler Township.....	do			
Dayton	Jan. 12-Apr. 12	7		
Germantown.....	Aug. 1-Jan. 31	2		
Washington Township	do			
Morrow County—				
Cardington.....	do	1		
Muskingum County—				
Brush Creek Township.....	do	1		
Zanesville	do	1		
Perry County—				
Hopewell Township	do	1		
New Lexington	do	4		
Portage County—				
Brimfield Township	do			
Preble County—				
Gratia Township.....	Jan. 1-Jan. 31	3		
Putnam County—				
Continental.....	Aug. 1-Jan. 31			
Perry Township	do			
Richland County—				
Madison Township.....	do	2		
Plymouth Township.....	do			
Ross County—				
Chillicothe.....	Mar. 23-Mar. 29	2		
Sandusky County—				
Clyde.....	Aug. 1-Jan. 31	2		
Fremont	do	3		
Gibsonburg.....	do	25		
Madison Township.....	do	1		
Riley Township.....	do	1		
Townsend Township	do	1		
York Township.....	do	1		
Scioto County—				
Portsmouth	do			
Seneca County—				
Big Spring Township.....	do	1		
Fostoria.....	do	2		
Loudon Township.....	do	4		
Tiffin	do			

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Ohio—Continued.				
Shelby County—				
Green Township.....	Aug. 1-Jan. 31	
Orange Township.....do.....	1	
Perry Township.....do.....	
Sidney.....do.....	2	
Stark County—				
Canton.....do.....	1	
Massillon.....do.....	1	
Sandy Township.....do.....	1	
Waynesburg.....do.....	1	
Tuscarawas County—				
Fairfield Township.....do.....	
Mineral City.....do.....	8	2	
Urichsville.....do.....	3	
Union County—				
Magnetic Springs.....do.....	1	
Van Wert County—				
Liberty Township.....do.....	1	
Van Wert.....do.....	5	1	
Washington County—				
Barlow Township.....do.....	
Belpre Township.....do.....	
Liberty Township.....do.....	
Marietta.....do.....	
Wayne County—				
Creston.....do.....	6	
Williams County—				
Alvordtown.....do.....	1	
Bryan.....do.....	1	
Montpeiler.....do.....	
Wood County—				
Center Township.....do.....	10	
Henry Township.....do.....	
North Baltimore.....do.....	2	
Troy Township.....do.....	
Webster Township.....do.....	
Wyandot County—				
Carey.....	Aug. 1-Dec. 20	1	
Total for State.....		894	21	
Total for State, same period, 1901.		766	9	Total number of cases January 1 to Decem- ber 20, 1901, 2,936; deaths, 48.
Oregon:				
Clatsop County (Svenson).....	Mar. 17.....	1	1	
Marshfield.....	Dec. 1-Jan. 1	250	1	
Portland.....	Jan. 1-Mar. 31	102	
Total for State.....		353	2	
Total for State, same period, 1901.		10	
Pennsylvania:				
Allegheny County.....	Dec. 29-Apr. 5	57	
Berks County (Reading).....	Jan. 21-Feb. 24	4	
Blair County (Altoona).....	Dec. 29-Apr. 12	8	
Butler County.....	Jan. 16-Jan. 22	1	
Cambria County (Johnstown).....	Mar. 30-Apr. 5	1	
Carbon County.....	Feb. 10-Feb. 16	5	
Dauphin County (Steelton).....	Feb. 16-Feb. 22	1	
Lackawanna County (Scranton).....	Jan. 16-Feb. 28	14	1	
Lancaster County (Lancaster).....	Mar. 2-Mar. 29	3	
Lawrence County (New Castle).....	Jan. 1-Mar. 31	17	
Lebanon County.....	Dec. 22-Mar. 15	114	2	
Lehigh County (Allentown).....	Feb. 2-Feb. 8	1	
Luzerne County.....	Dec. 25-Jan. 11	11	
Lycoming County (Williamsport).....	Jan. 26-Feb. 1	2	
Montgomery County (Norristown).....	Dec. 22-Mar. 15	21	5	
Philadelphia County.....	Dec. 22-Apr. 12	1,088	202	
Schuylkill County (Auburn).....	Nov. 17-Jan. 25	43	1	
York County (York).....	Feb. 1-Apr. 5	16	5	
Total for State.....		1,412	216	
Total for State, same period, 1901.		130	5	

Smallpox in the United States, etc.—Continued.

Place	Date.	Cases	Deaths.	Remarks.
Rhode Island:				
Central Falls.....	Feb. 18-Mar. 22	6	
Jericho.....	Mar. 11-Mar. 17	1	
Manville.....	Dec. 1-Apr. 6	9	
Natick.....	Mar. 16-Mar. 22	1	
Pawtucket.....	Feb. 24-Mar. 22	12	
Providence.....	Dec. 1-Apr. 6	27	3	
Warren.....	Mar. 3-Mar. 22	18	
Warwick.....	Feb. 23-Apr. 6	26	
Woonsocket.....	Dec. 1-Apr. 6	187	
Total for State.....		287	3	
Total for State, same period, 1901.		10	1	
South Carolina:				
Greenville.....	Dec. 15-Apr. 5	23	
Charleston.....	Jan. 19-Mar. 8	16	
Total for State.....		39	
Total for State, same period, 1901.		10	1	
South Dakota:				
Sioux Falls.....	Jan. 26-Apr. 5	27	
Tennessee:				
Davidson County (Nashville).....	Feb. 2-Apr. 5	4	
McMinn County.....	Dec. 15.....	24	
Polk County.....	Feb. 2-Feb. 19	4	
Shelby County (Memphis).....	Dec. 22-Apr. 12	169	
Total for State.....		201	
Total for State, same period, 1901.		411	5	
Texas:				
Fort Worth.....	Jan. 1-Jan. 31	8	
Galveston.....	Mar. 14-Mar. 17	3	
Houston.....	Jan. 1-Mar. 8	186	3	
Laredo.....	Feb. 8.....	1	
San Antonio.....	Jan. 1-Mar. 31	62	
Total for State.....		260	3	
Total for State, same period, 1901.		466	7	
Utah:				
Ogden.....	Jan. 1-Feb. 28	3	
Salt Lake City.....	Dec. 15-Apr. 5	16	
Total for State.....		19	
Total for State, same period, 1901.		707	3	
Vermont:				
Burlington.....	Dec. 15-Mar. 29	173	
Virginia:				
Cape Charles.....	Mar. 24-Mar. 28	2	
Norfolk.....	Apr. 10.....	23	
Roanoke.....	Dec. 1-Mar. 31	205	2	
Total for State.....		230	2	
Total for State, same period, 1901.		328	4	
Washington:				
Chehalis County.....	Dec. 1-Dec. 31	1	
Clallam County.....	Jan. 17.....	2	
King County (Seattle).....	Nov. 1-Dec. 31	82	
Klickitat County.....	Nov. 1-Dec. 1	8	
Lincoln County.....	Nov. 1-Dec. 13	35	1	
Pierce County (Tacoma).....	Nov. 1-Apr. 6	107	
Spokane County (Spokane).....	Nov. 1-Feb. 22	143	
Whitman County.....do.....	5	
Total for State.....		383	2	
Total for State, same period, 1901.		38	

1 on sc. Elsie M. Harris
and 1 on sc. S. H. Sharp.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
West Virginia:				
Wheeling	Mar. 16-Apr. 5	3	
Total for State, same period, 1901.		38	
Wisconsin:				
36 counties, 61 places.....	Jan. 1-Jan. 31	239	1	
35 counties, 57 places.....	Feb. 1-Feb. 28	256	3	
37 counties, 73 places.....	Mar. 1-Mar. 31	304	1	
37 counties, 64 places.....	Apr. 1-Apr. 30	276	2	
45 counties, 85 places.....	May 1-May 31	358	
41 counties, 67 places.....	June 1-June 30	288	3	
32 counties, 52 places.....	July 1-July 31	268	
27 counties, 36 places.....	Aug. 1-Aug. 31	128	2	
15 counties, 18 places.....	Sept. 1-Sept. 30	71	3	
28 counties, 62 places.....	Oct. 1-Oct. 31	519	2	
42 counties, 100 places.....	Nov. 1-Nov. 30	596	3	
57 counties, 162 places.....	Dec. 1-Dec. 31	1,012	2	
61 counties, 232 places.....	Jan. 1-Jan. 31	1,521	8	
Fond du Lac.....	Jan. 17-Mar. 1	10	Smallpox was reported in 60 counties; 948 cases and 10 deaths during March, 1902.
Green Bay	Dec. 30-Apr. 6	146	4	
Manitowoc	Mar. 1-Mar. 31	20	
Milwaukee	Dec. 29-Apr. 5	39	
Total for State		6,051	34	
Total for State, same period, 1901.		564	4	
Grand total.....		29,307	857	
Grand total, same period, 1901.		16,734	225	

Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from December 28, 1901 to April 18, 1902.

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Dec. 12	1	
	Feb. 22	1	1	From Berkeley.

Weekly mortality table, cities of the United States.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—											
				Tuberculo- sis.	Yellow fever.	Smallpox.	Variola.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Altoona, Pa.....	Apr. 5	38,973	7												
Ann Arbor, Mich.....	do.	14,509													
Ashabula, Ohio.....	do.	12,949	7												
Baltimore, Md.....	do.	508,987	224	33		1				4		2			
Belleville, Ill.....	do.	17,484	5	2											
Binghamton, N. Y.....	do.	38,647	8	1											
Boston, Mass.....	do.	500,892	233	23						1		4	2	2	
Brockton, Mass.....	do.	40,063	7	1						1					
Butler, Pa.....	Apr. 10	10,858	8												
Cambridge, Mass.....	Apr. 5	91,886	34	4		1						2			
Camden, N. J.....	do.	75,935	25												
Carbondale, Pa.....	Mar. 31	13,536	7												
Charleston, S. C.....	Apr. 5	55,807	31	3						1					
Chelsea, Mass.....	do.	31,072	8												
Chicopee, Mass.....	do.	19,167	6	1											
Chicago, Ill.....	do.	1,698,575	496	44						1	17	10	1	2	
Cincinnati, Ohio.....	Apr. 4	325,902	106	17		1				2	1	1			
Cleveland, Ohio.....	Apr. 5	381,766	105	12						2		5	1		
Clinton, Mass.....	do.	13,667	5							1					
Covington, Ky.....	Apr. 6	42,938	15	3											
Danville, Ill.....	Apr. 5	16,354	7									1			
Dayton, Ohio.....	do.	85,333	26	2											
Denver, Colo.....	Mar. 29	133,859	60	13						1					
Detroit, Mich.....	Apr. 5	285,704	134								1	2	1		
Dunkirk, N. Y.....	do.	11,616	8							1					
Elmira, N. Y.....	do.	35,672	7							1		1			
Elizabeth, N. J.....	Mar. 29	52,130	18	6									1		
Erie, Pa.....	Apr. 5	52,733	9												
Evansville, Ind.....	do.	59,007	16	4						1					
Everett, Mass.....	do.	24,336	8												
Fall River, Mass.....	do.	104,863	39	2								1	2		
Fitchburg, Mass.....	do.	31,531	7	1											
Freeport, Ill.....	do.	13,258	12										3		
Galesburg, Ill.....	do.	18,607	8												
Gloucester, Mass.....	do.	26,127	3												
Green Bay, Wis.....	Apr. 6	18,684	6	1										2	
Hamilton, Ohio.....	Apr. 5	23,914	9											1	
Haverhill, Mass.....	do.	37,175	12	1											
Holyoke, Mass.....	Mar. 22	45,712	14	2											
Do.....	Mar. 29	45,712	16	5											
Do.....	Apr. 5	45,712	15	2											
Indianapolis, Ind.....	do.	169,164	22	3											
Jacksonville, Fla.....	do.	28,429	14	3											
Joliet, Ill.....	Mar. 29	29,353	5	1											
Do.....	Apr. 5	29,353	6									1			
Johnstown, Pa.....	do.	35,936	13	1								3			
Lancaster, Pa.....	do.	41,459	13									2	3		
Lawrence, Mass.....	do.	62,559	20	1						1					
Lexington, Ky.....	do.	26,369	6	1											
Lowell, Mass.....	do.	94,969	35	6									2		
Ludington, Mich.....	do.	7,166													
Lynchburg, Va.....	do.	18,891	3												
McKeesport, Pa.....	do.	34,227	19	2											
Malden, Mass.....	do.	33,664	11	3											
Manchester, N. H.....	do.	56,987	19	3									1		
Marlboro, Mass.....	do.	13,609	5	1									1		
Medford, Mass.....	do.	18,244	4												
Memphis, Tenn.....	do.	102,320	25	8											
Michigan City, Ind.....	Apr. 7	14,850	3												
Milwaukee, Wis.....	Apr. 5	285,315	80	5								1	3	2	
Mobile, Ala.....	do.	38,469	13	1											
Nashua, N. H.....	do.	23,898	12												
Nashville, Tenn.....	do.	80,865	37	6								1			
Newark, N. J.....	do.	246,070	95	14		3				1		5	7	1	
New Bedford, Mass.....	do.	62,442	20	3								2			
Newburyport, Mass.....	do.	14,478	9												
New Orleans, La.....	do.	287,104	111	18											
Newport, R. I.....	do.	22,034	7												
Newton, Mass.....	do.	33,587	10	2											
New York, N. Y.....	do.	3,437,202	1,366	150		20				2	28	52	22	13	
Norristown, Pa.....	do.	22,265	19	1											
North Adams, Mass.....	do.	24,200	10												
Northampton, Mass.....	Mar. 29	18,643	4	1											
Do.....	Apr. 5	18,643	4	1											

Weekly mortality table, cities of the United States—Continued.

[illegible]

Table of temperature and rainfall, week ended April 7, 1902.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.	35	4		.82		.41
Portland, Me.	38	2		.70		.70
Northfield, Vt.	33	4		.52		
Boston, Mass.	40	3		.84		.84
New Haven, Conn.	42	2		.81		.25
Albany, N. Y.	40	2		.56		.54
New York, N. Y.	44		1	.84		.09
Harrisburg, Pa.	44		4	.77		.15
Philadelphia, Pa.	47		4	.71		.47
New Brunswick, N. J.	45		2	.84		.27
Atlantic City, N. J.	44		2	.84		.52
Baltimore, Md.	49		6	.84		.58
Washington, D. C.	50		7	.81		.73
Lynchburg, Va.	53		6	.77		.33
Cape Henry, Va.	51		3	1.10		.79
Norfolk, Va.	54		5	.98		.71
Charlottesville, N. C.	56		6	.89		.62
Raleigh, N. C.	56		7	.63		.28
Kittyhawk, N. C.	52		2	1.12		.40
Hatteras, N. C.	55			1.17		
Wilmington, N. C.	59		5	.73		.73
Columbia, S. C.	59		5	.73		.63
Charleston, S. C.	62		6	.84		.81
Augusta, Ga.	61		6	.87		.68
Savannah, Ga.	63		4	.84		.83
Jacksonville, Fla.	66		4	.70		.70
Jupiter, Fla.	71		3	.63		.62
Key West, Fla.	75		3	.24		.16
Gulf States:						
Atlanta, Ga.	58		6	1.03		.25
Tampa, Fla.	70		4	.56		.56
Pensacola, Fla.	64		3	.94		.94
Mobile, Ala.	64		3	1.38		1.37
Montgomery, Ala.	62		5	1.23		1.01
Meridian, Miss.	62		4	1.05		.13
Vicksburg, Miss.	63		1	1.40	.14	
New Orleans, La.	66		1	1.26		.86
Shreveport, La.	64	0		1.15	.53	
Fort Smith, Ark.	59		1	1.03		.87
Little Rock, Ark.	60		3	1.01	.33	
Palatine, Tex.	64	1		.98		.86
Galveston, Tex.	67		2	.63	.19	
San Antonio, Tex.	68	2		.63		.62
Corpus Christi, Tex.	67	0		.35		.35
Ohio Valley and Tennessee:						
Memphis, Tenn.	59		5	1.33		.68
Nashville, Tenn.	56		6	1.12		.18
Chattanooga, Tenn.	57		8	1.16		.41
Knoxville, Tenn.	55		9	1.19		.64
Lexington, Ky.	51		9	.95		.64
Louisville, Ky.	53		8	1.06		.80
Indianapolis, Ind.	49		8	.84		.68
Cincinnati, Ohio	51		7	.70	.09	
Columbus, Ohio	47		6	.70		.18
Parkersburg, W. Va.	49		6	.70		.28
Pittsburg, Pa.	47		7	.63		.02
Lake Region:						
Oswego, N. Y.	37	0		.49		.30
Rochester, N. Y.	38	0		.56		.33
Buffalo, N. Y.	37	0		.56		.37
Erie, Pa.	39		3	.56		.44
Cleveland, Ohio	41		5	.53		.08
Sandusky, Ohio	42		6	.56		.11
Toledo, Ohio	43		5	.49	.64	
Detroit, Mich.	41		2	.49		.46
Lansing, Mich.	39		2	.51		.12
Port Huron, Mich.	37		0	.47		.35
Alpena, Mich.	31	3		.42	.12	
Sault Ste. Marie, Mich.	32	2		.35		.07
Marquette, Mich.	32	1		.42		.11
Escanaba, Mich.	31	2		.44		.39
Green Bay, Wis.	38		2	.54		.42
Grand Haven, Mich.	38		4	.56		.26
Milwaukee, Wis.	39		0	.63		.51
Chicago, Ill.	42		3	.70		.63
Duluth, Minn.	34	0		.49		.47

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended April 7, 1902.—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Upper Mississippi Valley:						
St. Paul, Minn.....	39	2	.4742
La Crosse, Wis.....	41	3	.4431
Dubuque, Iowa.....	43	3	.6361
Davenport, Iowa.....	45	3	.5655
Des Moines, Iowa.....	45	5	.5050
Keokuk, Iowa.....	48	5	.6060
Springfield, Ill.....	49	8	.7538
Chicago, Ill.....	55	6	.9154
St. Louis, Mo.....	53	6	.8444
Missouri Valley:						
Columbia, Mo.....	50	7	.6301
Springfield, Mo.....	56	8	.8412
Kansas City, Mo.....	51	5	.5819
Topeka, Kans.....	51	5	.5605
Wichita, Kans.....	55	4	.5337
Concordia, Kans.....	51	4	.4948
Lincoln, Nebr.....	47	2	.4545
Omaha, Nebr.....	46	4	.5959
Sioux City, Iowa.....	46	7	.6362
Yankton, S. Dak.....	42	1	.6161
Valentine, Nebr.....	44	6	.5957
Huron, S. Dak.....	41	7	.6464
Pierre, S. Dak.....	45	7	.3838
Moorhead, Minn.....	34	1	.4240
Bismarck, N. Dak.....	36	2	.4441
Williston, N. Dak.....	37	1	.2213
Rocky Mountain and Plateau Region:						
Havre, Mont.....	41	02121
Helena, Mont.....	41	02116
Miles City, Mont.....	41	02121
Rapid City, S. Dak.....	44	6	.4340
Spokane, Wash.....	46	4	.28	.04
Walla Walla, Wash.....	50	34202
Baker City, Oreg.....	41	42807
Winnemucca, Nev.....	46	1	.2121
Pocatello, Idaho.....	42	43630
Boise, Idaho.....	52	12808
Salt Lake City, Utah.....	48	35150
Lander, Wyo.....	38	25650
Cheyenne, Wyo.....	39	02813
North Platte, Nebr.....	45	03933
Denver, Colo.....	45	13534
Pueblo, Colo.....	48	4	.2323
Dodge City, Kans.....	50	12828
Oklahoma, Okla.....	56	15653
Amarillo, Tex.....	52	22525
Arlene, Tex.....	64	3	.4848
Santa Fe, N. Mex.....	45	71414
El Paso, Tex.....	62	50505
Phoenix, Ariz.....	64	30707
Yuma, Ariz.....	68	30707
Pacific Coast:						
Seattle, Wash.....	48	47020
Tacoma, Wash.....	4784
Portland, Oreg.....	50	092	.05
Roseburg, Oreg.....	5163
Eureka, Cal.....	49	1.12
Red Bluff, Cal.....	5859
Carson City, Nev.....	45	02107
Sacramento, Cal.....	57	1	.59	.24
San Francisco, Cal.....	54	15616
Fresno, Cal.....	58	34212
San Luis Obispo, Cal.....	56	056	1.22
Los Angeles, Cal.....	58	1	.4640
San Diego, Cal.....	57	02120

a The figures in this column represent the average daily departure.

FOREIGN AND INSULAR.

BARBADOS.

Quarantine information.

BRIDGETOWN, BARBADOS, March 31, 1902.

SIR: On the evening of the 21st instant 1 of the parochial medical officers for Bridgetown was called to see a woman named Florence Hope, residing in an isolated hut on Brittons pasture, about 1½ miles from town. He found her suffering from smallpox, and on the following morning, she, and all those in the house with her, were sent to the quarantine hospital and the hut and its contents burned. Immediate steps were taken to ascertain who had been in contact with Hope, and as fast as those persons were discovered they were sent to the quarantine station, and no effort is being spared to ascertain if any other person had been in contact with her, and if so to get hold of them.

Hope lived in Chelsea Lane, quite near to Millar, the man mentioned in my circular of February 25, as having been landed from Halifax by the steamship *Oruro* with smallpox, and she is believed to have been one of those who came in contact with him, but got away when she found all "contacts" were being sent to the quarantine station.

On the 27th instant a woman named Harewood, living next door to Millar's residence, developed smallpox and was at once sent to the quarantine station; and on the 29th another woman from Sobers Lane, a suburb of Bridgetown, was sent to the quarantine hospital thought to be suffering from that disease, but it is doubtful if it is not glass pox.

The total number of persons at the quarantine station last night was 38, of whom 10 have smallpox, 1 supposed smallpox, and 27 "contacts." The 8 persons with smallpox, other than Hope and Harewood, are Hope's mother, 3 children, 3 sisters, and a connection.

Every effort has been, and still is being made by my board, to keep this outbreak localized, and a medical man and a sanitary inspector patrol Chelsea Lane and Brittons Hill every day.

The bills of health are being indorsed. All the royal mail and other steamers have quarantined the port.

St. Jean and St. Laurent du Maroni and Mana, in French Guiana, have been declared infected with yellow fever; Cayenne will probably be so declared at the next meeting of my board.

Respectfully,

JAS. SANDERSON.
Clerk, Quarantine Board.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

BRAZIL.

Report from Bahia.

BAHIA, BRAZIL, March 2, 1902.

SIR: I beg leave to report that for the week ended March 1, 1902, there were reported 108 deaths in Bahia.

The following were the chief causes of death: Arterio sclerosis, 6; beriberi, 1; bronchitis, 3; cancer, 1; cirrhosis of liver, 1; diarrhea and dysentery, 5; puerperal eclampsia, 1; enteritis, 2; malarial fever, 4; typhoid, 3; gangrene, 2; gastritis, 6; hepatitis, 4; meningitis, 1; senile debility, 5; nephritis, 1; stillborn, 6; pneumonia, 2; syphilis, 7; tetanus, 3; tuberculosis, 13, and other causes, 31.

Respectfully,

H. W. FURNISS,
United States Consul.

HON. SECRETARY OF THE TREASURY.

Reports from Rio de Janeiro—End of plague.

RIO DE JANEIRO, BRAZIL, *February 28, 1902.*

SIR: I have the honor to transmit herewith the official sanitary report for the city of Rio de Janeiro, for the week ended February 23. There were 299 deaths from all causes as compared with 380 during the preceding week. There were 4 deaths from *accessio pernicioso*, a decrease of 1; 15 from yellow fever, a decrease of 2; 5 from smallpox, a decrease of 1; 4 from typhoid, a decrease of 9; 1 from beriberi; none from diphtheria; 2 from measles, an increase of 2; none from whooping cough; none from plague, the same as before; 1 from leprosy, and 56 from tuberculosis, an increase of 4.

Respectfully,

E. W. AMES,
Sanitary Inspector, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

RIO DE JANEIRO, BRAZIL, *March 6, 1902.*

SIR: I have the honor to transmit herewith the official sanitary report for the city of Rio de Janeiro, for the week ended March 2, 1902. There were 366 deaths from all causes, an increase of 67 over the preceding week. There were 10 deaths from *accessio pernicioso*, an increase of 6; 37 from yellow fever, an increase of 22; 9 from smallpox, an increase of 4; 9 from typhoid, an increase of 5; 2 from beriberi, an increase of 1; none from diphtheria, the same as before; 1 from measles, a decrease of 1; none from whooping cough, the same as before; 1 from plague, an increase of 1; none from leprosy, a decrease of 1, and 49 from tuberculosis, a decrease of 7.

Respectfully,

EDWARD W. AMES,
Sanitary Inspector, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

RIO DE JANEIRO, BRAZIL, *March 12, 1902.*

SIR: I have the honor to transmit herewith the official sanitary report for the city of Rio de Janeiro, for the week ended March 9. There were 375 deaths from all causes, an increase of 9 as compared with the preceding week. There were 7 deaths from *accessio pernicioso*, a decrease of 3; 38 from yellow fever, an increase of 1; 3 from smallpox, a decrease of 6; 3 from typhoid fever, a decrease of 6; 1 from beriberi, a decrease of 1; none from measles, a decrease of 1; 1 from whooping cough, an increase of 1; none from plague, a decrease of 1, and 46 from tuberculosis, a decrease of 3.

Respectfully,

EDWARD W. AMES,
Sanitary Inspector, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine Hospital Service.

RIO DE JANEIRO, BRAZIL, *March 19, 1902.*

SIR: I have the honor to transmit herewith the official sanitary report for the city of Rio de Janeiro, for the week ended March 16. There were 326 deaths from all causes, a decrease of 49 from the preceding week. There were 5 deaths from *accessio pernicioso*, a decrease of 2; 38 from yellow fever, the same as before; 4 from smallpox, an increase of 1; 4 from typhoid fever, an increase of 1; 1 from beriberi, the same as before; 1 from whooping cough, the same as before; none from plague, the same as before, and 51 from tuberculosis, an increase of 6.

I have the honor to report that, by Portaria of the 17th instant, the city was declared free of pest, and I have to-day cabled you to that effect. I have also sent you by to-day's mail a note concerning the advisability of sending a yellow-fever commission here, a matter referred to me by the consul-general.

Respectfully,

EDWARD W. AMES,
Sanitary Inspector, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

CHINA.

Report from Hongkong.

HONGKONG, CHINA, *March 6, 1902.*

SIR: I have the honor to transmit herewith the abstract of bills of health issued at this station during the week ended March 1, 1902. Ten vessels were inspected during the week, 454 individuals were bathed at the disinfecting station, and 564 bundles of clothing and bedding were disinfected by steam.

There was 1 rejection among the steerage passengers because of fever. The sanitary returns show that 1 case of plague terminated fatally, 1 case of enteric fever, 2 cases of smallpox, and 2 deaths occurred in the colony. One case of smallpox was imported into the colony by the P. and O. steamship *Oriental* from the south.

Reports came from Canton during the week that cholera was prevalent in that city and that 2 Europeans had died of the disease. Reliable information regarding the health or sanitary conditions of Chinese cities is very hard to obtain, but a letter from the British consul at Canton confirmed the report that certain deaths had been due to "fruit cholera," which is at present prevailing there.

A letter was addressed to the honorable Mr. R. M. McWade, United States consul at Canton, requesting information regarding the conditions, and in reply he stated that Asiatic cholera is prevalent in certain parts of the city; that for the past ten days upward of 30 cases daily have occurred in the district known as "the pig market," but that the disease seems to be abating. He also mentions the death of a senior officer of the Chinese customs, an American citizen, which occurred March 5 at his residence in Honan. This is the third reported case among the foreign population. The long-continued drought and foul water supply resulting are no doubt the predisposing cause of the outbreak.

A case was discovered in the mortuary in this city March 4—Chinese, who had lived in this city for at least ten days, and his associates stated that he had been ill with diarrhea for one week. Under ordinary conditions there would be little danger of an epidemic of cholera in this

city, but because of the long-continued dry season there has been a marked shortage in the water supply, and people will soon have to obtain a supply from sources other than the city waterworks, which undoubtedly increases the danger.

The mortality returns of the colony for the month of January, 1902, show that there were 369 deaths during the month, a percentage mortality of 14.9 per 1,000 per annum, excluding the army and navy. The percentage mortality among the British and foreign population was 20 per 1,000, and among the Chinese population 14.7 per 1,000 per annum.

Of the total deaths reported, 40 were due to diarrhea, 7 to dysentery, 1 to bubonic plague, 30 to malaria, 17 to beriberi, 12 to heart lesions, 26 to bronchitis, 42 to pneumonia, 55 to phthisis pulmonalis, and 10 to diseases of the digestive system. During the first two months of last year 20 deaths were due to bubonic plague, while only 2 occurred during January and February of this year. In anticipation of the annual plague epidemic, extensive disinfecting procedures have been carried on throughout the city for several weeks with the view of lessening the severity of the epidemic, which is almost sure to develop with the advent of the warm, rainy season.

Respectfully,

JOHN W. KERR,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Plague conditions at Yeung Kong and Shuitung—Canton free.

DEPARTMENT OF STATE,

Washington, D. C., April 5, 1902.

SIR: I have the honor to inclose herewith, for your information, a copy of a dispatch received from the consul of the United States at Canton, China, in regard to the plague at Yeung Kong.

Respectfully,

JOHN HAY,

Secretary of State.

Hon. SECRETARY OF THE TREASURY.

[Inclosure.]

CANTON, CHINA, *February 19, 1902.*

SIR: I have the honor to transmit to you the following copy of a communication received to-day from Dr. Dobson, American Presbyterian Mission, concerning plague conditions at Yeung Kong and Shuitung in Kwangtung:

"YEUNG KONG, P. O.,

Kwangtung, China, February 10, 1902.

"SIR: In response to your letter of January 25, regarding the existence of plague in this vicinity, I have the honor to submit the following:

"The district of Yeung Kong is situated about 150 miles west of Hongkong, running along the seacoast for about 60 to 80 miles and stretching inland about 40 to 50 miles. Yeung Kong is the largest town, having about 40,000 inhabitants. The city is walled. The streets are roughly paved with stone and the lack of sanitary precautions is self-evident as in all other towns and villages in this section.

"Shuitung is a town on the coast at the extreme southwest of this district. This place has quite a maritime trade, mostly local. This is a noted plague spot, the disease being practically endemic, over 300 deaths having occurred in the past few weeks.

"At the present time plague is prevalent and on the increase in both of these towns. I can not speak as to the country villages, except to say that a majority of the smaller ones seem to be free from the disease. Here in Yeung Kong City the plague has made its appearance in the city prison, there having been 60 or more deaths in the past month. The prison is a pesthouse of filth, and the gutters on the adjacent streets are masses of foul, black filth.

"Thus far this season I have not been called to a case of plague, and the disease does not yet appear to be increasing here. The form prevailing at the prison is the abdominal variety. There have been no dead rats found at any of the houses where I have visited.

"As to treatment pursued in past years, I may say that I have simply followed the leading of reports and journals but with no success. The Chinese have no treatment.

"I trust to be able to give a more useful report within the coming months.

"Any reports or circulars relating to the plague will be acceptable and useful and I ask that such may be sent me if possible.

"Respectfully,

"W. H. DOBSON,
Surgeon, A. P. M."

HON. ROBERT M. MCWADE,
United States Consul, Canton.

On February 16, 1902, I cabled the following summary of the foregoing:

"SECRETARY OF STATE, Washington, D. C.: Plague increasing Shuitung, over 60 deaths Yeung Kong; Canton free.—MCWADE."

I am, indeed, glad to be able to add that the plague has not yet appeared either in Canton or its immediate vicinity.

Respectfully,

ROBERT M. MCWADE,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

Cholera epidemic at Honan.

DEPARTMENT OF STATE.
Washington, D. C., April 10, 1902.

SIR: I have the honor to advise you for the information of the U. S. Marine-Hospital Service that the Department is in receipt of a telegram from the consul of the United States at Canton, China, which reads as follows: "Cholera epidemic at Honan, almost disappeared Canton."

Respectfully,

JOHN HAY,
Secretary of State.

HON. SECRETARY OF THE TREASURY.

CUBA.

Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.

CIENTFUEGOS, CUBA, March 31, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to forward the following weekly report of transactions in the district under my command, for the week ended March 29, 1902:

Fifteen deaths have occurred in this city. Of these, 2 occurred in the civil hospital. No contagious diseases reported. Causes of death as follows: Enteritis, 3; tuberculosis, 3; sclerosis, arterial, 2; cancer, 1; old age, 1; gastro-enteritis, 1; hypertrophy of the heart, 1; peritonitis, 1; pneumonia, 1, and bronchitis, 1. Death rate per 1,000 inhabitants, 19.55.

One of the 2 patients left in hospital, this city, from the battleship *Indiana*, was shipped to the United States on the steamship *Segurança*, March 26. This patient was suffering from syphilis. Fourteen vessels were inspected, passed, and granted pratique; 3 vessels admitted without inspection; 1 vessel (the U. S. S. *Dolphin*) boarded and passed; 20 bills of health issued vessels leaving this port, and 8 alien steerage passengers inspected and allowed to land.

Casilda.—Acting Asst. Surg. Alejandro Cantero reports 5 deaths in the city of Trinidad. No contagious diseases reported. Eleven vessels inspected, passed, and granted pratique; 11 bills of health issued vessels leaving port of Casilda, and no alien steerage passengers landed at that port.

Santa Cruz del Sur.—Acting Asst. Surg. Pedro M. Quevedo reports 1 death at that port for the week ended March 22. No contagious diseases reported in that vicinity. Seven vessels were inspected, passed, and granted pratique; 9 bills of health issued vessels leaving that port, and no alien steerage passengers landed at that port.

Respectfully,

FELIX GIRALT,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

CIENFUEGOS, CUBA, April 7, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following report for the district under my command for the week ended April 5, 1902:

Fourteen deaths have occurred in this city. Of these, 2 occurred in the civil hospital. No contagious diseases reported. Causes of death as follows: Tuberculosis, 4; endocarditis, 2; gastro-enteritis, 2; meningitis, 1; hemoptysis, 1; blood poisoning, 1; intermittent fever, 1; insufficiency, mitral, 1; epilepsy, 1. Death rate per 1,000 inhabitants, 18.25. The last patient in the "Quinta de Salud" of those taken from the battleship *Indiana* was removed April 3, and sent to the post hospital at Rowell Barracks for treatment. Personal effects, hammocks, and bedding were disinfected at this station prior to leaving this city. Seven vessels inspected and passed, granted free pratique; 4 vessels admitted without inspection; 1 vessel, *Kanawha*, boarded and passed; 24 bills of health issued vessels prior to departure, and no alien steerage passengers landed at this port.

Casilda.—Acting Asst. Surg. Alejandro Cantero reports 5 deaths in the city of Trinidad. No contagious diseases reported. Eleven vessels inspected and passed, granted free pratique; 15 bills of health issued vessels prior to departure, and no alien steerage passengers landed at that port.

Santa Cruz del Sur.—Acting Asst. Surg. Pedro M. Quevedo's reports have not been received for the week ended March 29, 1902; will be forwarded the Bureau upon receipt.

Following is a recapitulation of the weekly reports for the district under my command, for the month of March, 1902:

Cienfuegos.—Sixty-four deaths in the city. Of these, 14 were in the civil hospital. Sixty-two vessels inspected and passed, granted free pratique; 13 vessels admitted without inspection; 2 vessels boarded and passed; 2,090 members of crews of vessels inspected and passed; 895 passengers inspected and passed; 19 alien steerage passengers inspected and allowed to land; 101 bills of health issued vessels prior to departure, and 24 pieces of baggage disinfected.

Casilda.—Twenty-two deaths in the city of Trinidad; 50 vessels inspected and passed, granted free pratique; 49 bills of health issued vessels prior to departure, and no alien steerage passengers landed at that port.

Santa Cruz del Sur.—Owing to the report for week ended March 29 not having been received, the monthly recapitulation, from February 23 to March 29, for that substation will be forwarded upon receipt of weekly report.

Respectfully,

FELIX GIRALT,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Report of immigrants inspected at the port of Cienfuegos, Cuba, during the month of March, 1902.

Total number of immigrants inspected, 19 ; number passed, 19.

FELIX GIRALT,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Reports from Havana and Batabano—Building obtained for the shore disinfecting plant at Havana.

HAVANA, CUBA, April 5, 1902.

SIR: I have the honor to submit the following report of the transactions of this station for the week ended March 29, 1902:

The military governor, having obtained possession of the Machina, has very kindly authorized the alteration and repairs of the buildings at that place by the engineer department for the installation of the shore disinfecting plant and a number of well-located rooms for offices of the quarantine service. A tiled-roof porch, from 6 to 10 feet wide, will shade the front and end of the substantial, long, 1-story, concrete building, and this will be connected with the new passenger building by a shifting canvas-covered way to protect baggage in bad weather. The floors of the disinfecting part of the building are concreted and the ends of the steam chambers will be separated by partitions, making complete isolation between the infected and noninfected rooms.

I have also secured from the collector of customs the use of the large room in the northeast corner of the second story of the passenger building, for the use of the passenger department of the quarantine service, making a very compact and convenient arrangement and avoiding the rental of office space.

The shore disinfecting plant has been housed for the past three years in a rough, temporary building at the Caballeria wharf, and no opportunity has heretofore been presented for its removal to a proper site.

Batabano.—Acting Asst. Surg. Jose M. Campos reports having inspected 5 vessels on arrival and issued 5 bills of health during the week.

I inclose herewith statistics of this station, together with mortuary data of the city of Havana, for the week ended above.

Respectfully,

A. H. GLENNAN,

Surgeon, U. S. M. H. S.,

Chief Quarantine Officer for the Island of Cuba.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

Summary of transactions at Havana for the week ended March 29, 1902.

PASSENGER DEPARTMENT.

Number of passengers inspected.....	191
Number of passengers vaccinated.....	10
Total	201

OUTDOOR DEPARTMENT.

Crews of incoming vessels inspected	583
Crews of outgoing vessels inspected.....	902
Number of passengers of incoming vessels inspected.....	432
Number of passengers of outgoing vessels inspected.....	761

Total 2,678

Number of immigrants inspected and passed.....	188
Number of immigrants recommended for further investigation	3
Number of vaccination certificates issued.....	4

SHORE DISINFECTING PLANT.

Baggage disinfected	7
Baggage inspected and passed	1,280
Express inspected and passed.....	114
Freight inspected and passed.....	1,258

Total number of pieces handled..... 2,658

MORTUARY STATISTICS.

Tuberculosis	24	Meningitis.....	10
Malarial fever	1	Pneumonia.....	8
Cancer	2	Tetanus.....	2
Bronchitis.....	4	Total number of deaths from all causes	103
Enteritis	6		

HAVANA, CUBA, April 8, 1902.

SIR: I have the honor to submit the inclosed report of the transactions of this station, together with mortuary data of the city of Havana, for the week ended April 5, 1902:

Batabano.—Acting Asst. Surg. Jose M. Campos reports having inspected 5 vessels on arrival and issued 7 bills of health during the week.

By direction of the chief quarantine officer.

Respectfully,

F. E. TROTTER,
Assistant Surgeon, U. S. M. H. S.,
Executive Officer.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure.]

Summary of transactions at Havana for week ended April 5, 1902.

PASSENGER DEPARTMENT.

Passengers inspected	138
Passengers vaccinated.....	1

Total 139

OUTDOOR DEPARTMENT.

Members of crews of incoming vessels inspected	1,080
Members of crews of outgoing vessels inspected.....	1,057
Passengers of incoming vessels inspected.....	883
Passengers of outgoing vessels inspected.....	675

Total..... 3,675

Immigrants inspected and passed.....	468
Immigrants recommended for further investigation.....	2
Vaccination certificates issued.....	15
Persons vaccinated.....	1

SHORE DISINFECTING PLANT.

Pieces of baggage disinfected	264
Pieces of baggage inspected and passed.....	462
Pieces of express inspected and passed.....	20
Pieces of freight inspected and passed	1,784

Total number of pieces handled..... 2,530

MORTUARY REPORT.

Glanders.....	1	Tetanus.....	2
Tuberculosis.....	20	Malarial fever.....	2
Meningitis.....	7	Typhoid fever	1
Bronchitis.....	2	Pneumonia	5
Enteritis	7	Total number deaths from all causes...	99

Inspection of immigrants at Havana for the week ended March 22, 1902.

HAVANA, CUBA, March 22, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended March 22, 1902.

Date.	Vessel.	Where from.	No. of immigrants
Mar. 17	Steamship Havana.....	New York.....	11
Do....	Steamship Mascotte.....	Tampa and Key West.....	3
Do....	Steamship Excelsior.....	New Orleans	9
Do....	Steamship Monterrey.....	Vera Cruz and Progreso.....	27
Do....	Steamship City of Washington	Tampico.....	3
Do....	Steamship Miami	Miami, Fla.	3
Mar. 18	Steamship Alfonso XII	Vera Cruz	12
Do....	Steamship Pio IX.....	Italy, Spain, and Porto Rico	50
Mar. 19	Steamship Morro Castle.....	New York	5
Do....	Steamship Olivette.....	Tampa and Key West.....	1
Mar. 20	Steamship Farran.....	Cartagena	1
Mar. 22	Steamship Olivette.....	Tampa and Key West	1
Total.....			126

Respectfully,

A. H. GLENNAN,
Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, U. S. Marine-Hospital Service.

Inspection of immigrants at Havana for the week ended March 29, 1902.

HAVANA, CUBA, March 29, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended March 29, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 24	Steamship Esperanza	New York	6
Do....	Steamship Yucatan	Vera Cruz and Progreso	19
Do....	Steamship Mascotte.....	Tampa and Key West.....	3
Do....	Steamship Chalmette.....	New Orleans	12
Do....	Steamship Buenos Aires.....	Spain and New York.....	35
Mar. 25	Steamship Miami	Miami, Fla.	1
Mar. 26	Steamship Mexico.....	New York	14
Mar. 29	Steamship Olivette.....	Tampa and Key West.....	1
Do....	Steamship Euskaro.....	Liverpool and Spain.....	97
Total			188

Respectfully,

A. H. GLENNAN,
Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, U. S. Marine-Hospital Service.

Inspection of immigrants at Havana for the week ended April 5, 1902.

HAVANA, CUBA, April 5, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended April 5, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 31	Steamship Niagara.....	Tampico	1
Do....	Steamship Havana.....	Vera Cruz and Progreso.....	36
Do....	Steamship Excelsior.....	New Orleans.....	9
Do....	Steamship Montevideo.....	Genoa, Spain, and Porto Rico.....	97
Do....	Steamship Monterrey.....	New York	13
Apr. 2	Steamship Julia.....	Porto Rico	6
Do....	Steamship Morro Castle.....	New York.....	8
Apr. 3	Steamship Alfonso XIII.....	Bilbao, Santander, and Corunna.....	174
Apr. 4	Steamship La Normandie.....	Saint Nazaire and Spain.....	124
Total			468

Respectfully,

F. E. TROTTER,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Report of immigrants inspected at the port of Havana, Cuba, during the month of March, 1902.*

Total number of immigrants inspected, 1,415; number passed, 1,414; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

F. E. TROTTER,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Reports from Matanzas, Cardenas, Isabela de Sagua, and Caibarien.*

MATANZAS, CUBA, April 1, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following sanitary report of the quarantine district under my command, for the week ended March 29, 1902:

Matanzas.—Fourteen deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 15.04 per 1,000. The principal causes of death were as follows: Tuberculosis, 5; heart disease, 2; broncho-pneumonia, 1; enteritis, 1; carcinoma, 1; congenital debility, 1; other causes, 3. The following cases of infectious or contagious character were reported: Scarlet fever, 1; diphtheria, 1. Eleven vessels arrived during the week; 4 of these were inspected and passed and 7 passed without inspection; 13 bills of health were issued to vessels leaving the port.

Cardenas.—Acting Asst. Surg. Enrique Saez reports that 11 deaths occurred in Cardenas of the following causes: Tuberculosis, 3; pneumonia, 3; meningitis, 1; enteritis, 1; cerebral hemorrhage, 1; other causes, 2. No case of infectious or contagious character was reported. Thirteen vessels arrived during the week and were passed without

inspection; 13 bills of health were issued to vessels leaving the port. The death rate during the week was 25.20 per 1,000.

Isabela de Sagua.—Acting Asst. Surg. Pedro Garcia Riera reports that 2 deaths from tuberculosis occurred in the municipal district of Sagua la Grande. The death rate during the week was 4.89 per 1,000. Ten cases of varicella were reported. Ten vessels arrived during the week; 2 of these were inspected and passed and 8 passed without inspection; 8 bills of health were issued to vessels leaving the port.

Caibarien.—Acting Asst. Surg. Leoncio Junco reports that 2 deaths occurred in the municipal district of Caibarien, of the following causes: Heart disease, 1; infectious fever, 1. The death rate during the week was 12.07 per 1,000. No case of infectious or contagious character was reported. Nine vessels arrived during the week; 1 of these was inspected and passed and 8 passed without inspection; 8 bills of health were issued to vessels leaving this port.

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Reports from Nuevitas, Puerto Padre, Gibara, and Baracoa.

NUEVITAS, CUBA, April 1, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit the following report for the quarantine district under my command, for the week ended March 29, 1902:

Seven vessels arrived at this port during the week and 10 bills of health were issued. The mortuary report for the week is 1 death from pernicious fever. The weather has been warmer than in the previous week and the sanitary condition is good.

Puerto Padre.—Report shows the arrival of 5 vessels, 4 bills of health issued, 2 deaths—1 nephritis, 1 acute neuritis—and good sanitary condition.

Gibara.—Report shows 12 arrivals, 11 bills of health issued, 2 deaths—1 pulmonary tuberculosis, 1 infectious fever—and good sanitary condition.

Baracoa.—Report shows the arrival of 4 vessels, the issuance of 8 bills of health, 7 deaths—malarial fever, 2; intestinal tuberculosis, 1; pulmonary tuberculosis, 2; pneumonia, 1; gangrene, 1—and good sanitary condition.

No quarantinable disease reported at any point in the district.

Respectfully,

OWEN W. STONE,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

NUEVITAS, CUBA, April 1, 1902.

SIR: I have the honor to submit inclosed reports of transactions at some of the subports of the quarantine district under my command, as follows:

Puerto Padre.—Weekly report of vessels arrived, weekly abstract of bills of health issued, and weekly report of arrival of alien steerage passengers for the weeks ended March 15, March 22, and March 29, 1902; also report of immigrants inspected in the month of March, 1902.

Gibara.—Reports as above for the weeks ended March 15, March 22, and March 29, 1902.

Baracoa.—Reports for the weeks ended March 15 and March 22, 1902.

Respectfully,

OWEN W. STONE,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON GENERAL,

U. S. Marine-Hospital Service.

ENGLAND.

Report from London.

LONDON, ENGLAND, *March 25, 1902.*

SIR: I have the honor to make the following report for the week ended March 22, 1902:

There were 7 bills of health issued from this consulate for vessels leaving for ports in the United States, and the crews of all these vessels were vaccinated. Two of the vessels had their crews vaccinated by the ship's surgeon; in all the others the work was done by an officer of the Service. In all a total of 139 persons were vaccinated. There has been very little opposition to the vaccination on the part of the crew, it being understood before signing articles that they are to submit to the operation. The work involves a large amount of time, inasmuch as the crews are usually completed at Gravesend, and it is therefore necessary for the officer to accompany the vessel as far as that.

The smallpox situation remains about as before, but the number of cases in hospital remains about the same, owing to discharges and deaths. For the week ended March 15 there were 100 deaths from this disease in the whole of England, and of these 81 belonged to London and 18 to the borough of Stepney, being more than twice as great a number as belonged to any other borough in the city. As I have before said, Stepney is a section of the city most frequented by seafaring men. I think that the disease is spreading slowly to many of the towns of England.

During the same week there were 7 deaths from smallpox in Glasgow. During the week ended March 9 there were 12 cases of plague, with 4 deaths, in Egypt. In Mauritius, for the week ended March 6, there were 19 cases and 5 deaths, and for the week ended March 13 there were 10 cases and 7 deaths.

Respectfully,

A. R. THOMAS,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

GERMANY.

Report from Berlin—Plague and cholera in various countries.

BERLIN, GERMANY, *March 29, 1902.*

SIR: I have the honor to transmit the latest information obtained from the imperial health office (Kaiserliches-Gesundheitsamt) regarding plague and cholera:

Plague.

EGYPT.—Between March 7 and March 14 there were registered 9 cases of plague (and 5 deaths), namely, 4 (2) in Decheneh-near-Keneh, 3 (2) in Kom-el-Nour, 1 (1) in Tantah, and 1 in Abussir.

BRITISH EAST INDIA.—Between February 15 and February 21 there were recorded in the Bombay Presidency 7,512 plague cases and 5,366 deaths—that is to say, 1,631 more cases and 960 more deaths than were registered during the foregoing week. In the city of Bombay, during the week ended February 25, there occurred 959 new plague cases and 701 deaths; also 256 deaths from a disease suspected to be plague.

In Porbandar, a port of the Bombay Presidency, there occurred on February 17, 2 plague cases and 1 death. In the port of Chittagong in the Bengal Presidency, cases of plague occurred on 2 ships on February 19 and February 22.

MAURITIUS.—In the four weeks from January 10 to February 7 there occurred 27, 14, 12, and 13 plague cases and 21, 7, 9, and 8 deaths upon the island.

CAPE COLONY.—During the week from February 8 to February 15, a case of plague with fatal termination, occurred in Somerset West. No fresh case was reported during the week ended February 22.

BRAZIL.—In Rio de Janeiro, between January 25 and February 26, inclusive, there were registered 9 deaths from plague and 8 fresh cases.

NEW SOUTH WALES.—In Sydney, between February 8 and February 12, 5 fresh plague cases were recorded.

QUEENSLAND.—During the first week in February, 2 plague cases occurred in Brisbane.

Plague and cholera.

BRITISH INDIA.—In Calcutta during the period from February 9 to February 15, 61 persons died of cholera. There were also registered 140 plague cases and 120 deaths.

Cholera.

TURKEY.—On March 8 there were recorded in Medina, 148 deaths from cholera, mainly among the pilgrims coming from Mecca.

Respectfully,

FRANK H. MASON,
United States Consul-General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Precautions against cattle plague.

BERLIN, GERMANY, April 2, 1902.

SIR: I have the honor to transmit the following information obtained from the imperial health office at Berlin:

EGYPT.—It is notified for general information that, owing to the possibility of cattle plague finding its way into Egypt, the Egyptian authorities have imposed the following restrictions on the export of ruminants, etc., exclusive of ivory, from the Sudan:

Under no condition will ruminants or their skins be allowed into Egypt.

Persons therefore wishing to export such animals can only do so via Suakin.

Anyone wishing to take skins, horns, etc., of any ruminant (these include elephant, rhinoceros, and hippopotamus), exclusive of ivory, through Egypt must obtain a special permit from a Mudir or administrator, who is responsible that the skins, etc., to be exported through Egypt, are packed in hermetically and Government-sealed, tin-lined boxes or tins.

These boxes or tins are on no account whatever to be opened in Egypt.

Any contravention of this regulation renders the offender liable to severe penalties.

Respectfully,

FRANK H. MASON,
United States Consul-General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

HAWAIIAN ISLANDS.

Quarantine on outgoing vessels at Honolulu.

HONOLULU, H. I., *March 26, 1902.*

SIR: I have the honor to report the outgoing quarantine transactions at this station for the week ended March 22, 1902, as follows:

Steamships inspected and passed, 1; sailing vessels inspected and passed, 4; cabin passengers inspected and passed, 79; steerage passengers inspected and passed, 44; crew inspected and passed, 58; pieces of baggage disinfected, 85; sailing vessels disinfected, 3.

Respectfully,

L. E. COFER,
*Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer, Hawaii.*

The SURGEON-GENERAL,
U. S. Marine-Hospital.

Disappearance of plague—Removal of outgoing restrictions.

HONOLULU, H. I., *April 9,
via San Francisco, Cal., April 15, 1902.*

Outgoing restrictions removed on April 2, thirty days having elapsed since appearance of new case of plague. No developments to date.

COFER.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

ITALY.

Reports from Naples—Cholera reported at Medina, Mecca, and Djiddah.

NAPLES, ITALY, *March 24, 1902.*

SIR: I have the honor to report that for the week ended March 22, 1902, the following steamships were inspected at Naples: March 18, the steamship *Neustria*, of the Fabre Line, bound with passengers and cargo for New York. There were inspected and passed 902 steerage passengers and 40 pieces of large baggage; 1,300 pieces of baggage were disinfected by steam. March 19, the steamship *Victoria*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 1,072 steerage passengers and 100 pieces of large baggage; 1,500 pieces of baggage were disinfected by steam. March 19, the steamship *Liguria*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 1,209 steerage passengers and 92 pieces of large baggage; 1,400 pieces of baggage were disinfected by steam. March 20, the steamship *Citta di Genova*, of the Veloce Line, bound with passengers and cargo for New York. There were inspected and passed 1,417 steerage

passengers and 124 pieces of large baggage; 1,800 pieces of baggage were disinfected by steam. March 20, the steamship *Lahn*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 659 steerage passengers and 70 pieces of large baggage; 900 pieces of baggage were disinfected by steam. March 22, the steamship *Camboman*, of the Dominion Line, bound with passengers and cargo for Boston. There were inspected and passed 1,218 steerage passengers and 165 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam.

Smallpox at Naples.

During the week ended March 22, 1902, there were officially reported at Naples 7 cases of smallpox with 1 death.

Smallpox in Italy.

There are many cases of smallpox at Santa Maria Capuavetere and Caserta.

Asiatic cholera in Arabia.

It is reported that during the past ten days, there have been 270 deaths from Asiatic cholera at Medina and Mecca, and 32 at Djiddah.

At Tunis, a quarantine is required in the case of all pilgrims returning from Mecca.

Respectfully,

J. M. EAGER,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

JAPAN.

Reports from Yokohama—Population of Yokohama and of Kanagawa Ken.

YOKOHAMA, JAPAN, March 12, 1902.

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this port during the week ended March 8, 1902. There were inspected 3 ships, with 239 crew, 1 cabin and 87 steerage passengers. During the week stated there have occurred in Yokohama 3 cases of typhoid fever and no deaths, and 4 cases of diphtheria and 1 death.

The last census, taken December 31, 1901, shows the population to be as follows: Yokohama, 297,088; Kanagawa Ken, 916,356. The foreign population in the city of Yokohama is as follows: American, 483; British, 989; Chinese, 3,488; French, 138; German, 234; other foreigners, 378. Total, 5,710.

Respectfully,

J. SPENCER HOUGH,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

The case of plague at Nagasaki from the steamship Taichu Maru.

YOKOHAMA, JAPAN, March 15, 1902.

SIR: Referring to my cablegram of the 13th instant, reporting plague in Nagasaki, I have the honor to give the following particulars: A Japanese woman was admitted to the prefectural hospital on the 8th

instant and on the 11th instant was removed to the hospital for contagious diseases, a bacteriological examination having shown her disease to be plague. The patient landed at Nagasaki on the 7th instant from the steamship *Taichu Maru*, which sailed from Keelung, Formosa, on the 5th instant. After landing passengers and cargo at Nagasaki, the *Taichu Maru* proceeded to Kobe via Moji and Ujina, landing passengers at all ports. * * * The ship was held at Kobe and disinfected on the 12th instant. The majority of the passengers from the ship have been located by the police and are under observation.

Respectfully,

J. SPENCER HOUGH,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

End of foot and mouth disease.

YOKOHAMA, JAPAN, *March 20, 1902.*

SIR: I have the honor to transmit herewith an abstract of the bills of health issued at this port during the week ended March 15, 1902: There were inspected 6 ships, with 402 crew, 49 cabin and 611 steerage passengers; 430 persons were bathed and their baggage was disinfected. During the week there have occurred in Yokohama 3 cases of typhoid fever, with 1 death; 4 cases of diphtheria, and 2 cases of dysentery. Since my report of a case of plague at Nagasaki, there have been no further developments. The passengers from the steamship *Taichu Maru* are under observation by the sanitary police. On March 4 Yokohama was declared free from the foot and mouth disease, which appeared on January 1, 1902. During this period 59 cases occurred, all of which recovered. The following plan has been given me as that upon which the authorities work to stamp out the disease: (1) Public notification, (a) to district, (b) to prefecture, (c) to neighboring prefectures; (2) official notification to the minister of agriculture and commerce; (3) cattle owners are required to notify each case to the police; (4) measures to prevent spread, (a) diseased animals are isolated, (b) all milk is destroyed, (c) all straw and stable waste is destroyed, (d) stable yards and human habitations, if thought necessary, are disinfected with lime and carbolic acid, (e) police are stationed on all roads leading from the infected district, and no cattle, milk, straw, nor any articles used about the stables are allowed to pass.

Respectfully,

J. SPENCER HOUGH,
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

NEW BRUNSWICK.

Inspection service at St. John.

ST. JOHN, NEW BRUNSWICK, *April 7, 1902.*

SIR: I have the honor to report that during the week ended April 5, the following vessels and their crews have been inspected by me at this port: Steamships, 2; schooners, 13; seamen, 200.

Respectfully,

T. DYSON WALKER,
United States Medical Inspector.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Inspection of immigrants at St. John.

ST. JOHN, NEW BRUNSWICK, April 5, 1902.

SIR: I have the honor to report that for the week ended April 5, there were inspected 668 immigrants; passed, 668; detained, 10. * * * There were no transactions at the port of Halifax.

Respectfully,

VICTOR G. HEISER,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

PHILIPPINE ISLANDS.

Report from Manila—Condition of plague and smallpox.

MANILA, P. I., February 28, 1902.

SIR: I have the honor to inform you that only 2 cases of plague, both fatal, occurred in Manila during the two weeks ended February 22, 1902. During the same period 5 cases of smallpox, with 3 deaths, were reported.

Respectfully,

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

MANILA, P. I., March 8, 1902.

SIR: I have the honor to report that no cases of plague occurred in Manila, P. I., during the week ended March 1, 1902. However, during this period there were 3 cases of smallpox, 2 of which were fatal.

Respectfully,

J. C. PERRY,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for the Philippine Islands.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

PORTO RICO.

Reports from San Juan—Smallpox situation.

SAN JUAN, P. R., March 31, 1902.

SIR: I have the honor to report that I am in receipt of a communication from the secretary of the superior board of health of the island of Porto Rico, under date of the 25th instant, sent me in response to my request for data concerning the smallpox situation in the island, which places the number of cases of varioloid with the localities in which they occur as follows, the report being for the two weeks ended March 22, 1902: Arecibo, 61; Ponce, 12; Fajardo, 1; Humacao, 1; Ciales, 6, and San Juan, 6.

The outbreak would appear to be exceedingly mild in character, as no deaths have been reported from the disease.

Respectfully,

H. S. MATHEWSON,
Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Reports from Ponce.

PONCE, P. R., March 17, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the quarantine and abstract of bills of health reports for the week ended March 15, 1902. During the week 5 vessels were inspected and passed and 11 bills of health were issued. There have been reported to me 12 cases, in all, of smallpox during the past three weeks. They have been quarantined in the hospital built about a year ago for such cases. * * * I know of no deaths from this disease as yet.

Respectfully,

W. W. KING,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

PONCE, P. R., March 31, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the quarantine and abstract of bills of health reports for the week ended March 29, 1902. During the week 1 vessel was inspected and passed and 1 was held in quarantine, viz, German steamship *Valencia*, Santo Domingo, Puerto Plata, Curacao, Puerto Cabello, La Guayra, and Carupano. She brought no passengers nor cargo for this port, taking coffee under guard and departing on the same day. Eight bills of health were issued. Since last week's report, 3 new cases of smallpox have been admitted to the smallpox hospital; 9 have been discharged recovered, leaving 6 under treatment.

Respectfully,

W. W. KING,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.**Inspection of immigrants at San Juan for the week ended March 29, 1902.*

SAN JUAN, P. R., March 31, 1902.

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended March 29, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 25	German steamship <i>Rhenania</i>	Hamburg, Havre, St. Thomas, West Indies.	2
Mar. 26	American steamship <i>Caracas</i>	Puerto Cabello, Curacao, La Guayra.....	11
Mar. 28	Spanish steamship <i>Montevideo</i>	Genoa, Barcelona, Malaga, Cadiz, Las Palmas, Tenerife, and La Palma.	27
Do.....	Spanish steamship <i>Juan Forgas</i>	Barcelona, La Palma, Valencia, Torreveja, Malaga, Cadiz, Las Palmas, and Tenerife.	1
Do.....	Provisional flag steamship <i>Maria Herrera</i> .	Cuban and Dominican ports.....	16
	Total	57

Respectfully,

H. S. MATHEWSON,

*Passed Assistant Surgeon, U. S. M. H. S.,**Chief Quarantine Officer for Porto Rico.*

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Report of immigrants inspected at the port of San Juan, P. R., during the month of March, 1902.

Total number of immigrants inspected, 99; number passed, 99.

H. S. MATHEWSON,
*Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for Porto Rico.*

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Report of immigrants inspected at the subports of Porto Rico during the month of March, 1902.

Total number of immigrants inspected, 13, at Mayaguez; number passed, 13, at Mayaguez.

H. S. MATHEWSON,
*Passed Assistant Surgeon, U. S. M. H. S.,
Chief Quarantine Officer for Porto Rico.*

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

TURKEY.

Report from Constantinople—Cholera in the Hedjaz.

CONSTANTINOPLE, TURKEY, March 27, 1902.

SIR: I have the honor to report that according to the official sanitary news the number of deaths from cholera in the Hedjaz is 1,129, of which 381 have occurred at Medina, 788 at the holy city of Mecca, 1 at Rebuk, and 38 at Djiddah. Rebuk is a station, a little spot where there is a spring and where the caravans going from Mecca to Medina stop and take the necessary water. It is there that the first case of cholera has been registered, and of which the sanitary board has been informed.

The great danger is now, when the pilgrims turn back to their countries, but the necessary steps and the necessary quarantines have been ordered in order to prevent the spread of the epidemic. All the attention has been given to the pilgrims coming to the countries northward of the Suez Canal—that is to say, for the pilgrims coming to Turkey and to Russia, the latter pilgrims being obliged to pass through the Bosphorus. All these pilgrims, as well as the Algerians and the Moroccos, must undergo a ten days' quarantine at El Tor in the Red Sea. The Turks, who are in number 7,000, will, after said ten days' quarantine at El Tor, undergo a second quarantine at the lazaretto at Beirut or Clazomenes, according as they go to Syria or Asia Minor, and at the lazaretto of Tripoli in Africa, if they go to that province. These pilgrims coming to Turkey are dangerous as well as those who go to Russia, and who are in number 16,000. The latter will sail directly from El Tor to Russia without landing anywhere in Turkey. They will undergo their second quarantine at the lazaretto of Theodosia or of Batum. The Algerians will undergo 2 more quarantines, 1 of which is at the provisory lazaretto installed, according to the communication made by the French sanitary representative, at Cape Matifu, and thence they will undergo the third quarantine at the lazaretto at Algier. The president of the sanitary service of Morocco has asked by wire to let the Morocco pilgrims undergo a previous quarantine in one of the lazarettos of Turkey, the lazaretto of Mogador not being open until April 21.

The international sanitary board has answered that there is no room in the Turkish lazarettos for other pilgrims. There is no fear of cholera spreading by the pilgrims going by land to their country, as the so-called sacred caravan comes back to Constantinople through the desert from Mecca and Medina to Syria. It seems that the journey in the desert does not allow such spread. I say the same for the caravans which go by the desert to Yemen, Bagdad, and the Nedjid. There does not exist any example of such spread. The great question which is discussed between the governor-general of the Hedjaz and the sanitary board is to know where from the present outbreak of cholera has come. Has it broke out in the Hedjaz, or has it been imported? The Hedjaz authorities claim that cholera this time has been imported from Java by the Javanese pilgrims who arrived at Camaran October 22, by the steamship *Anchises*. This steamer started from Java September 13, 1901, with 473 pilgrims. At that moment there was at Batavia an epidemic of cholera, therefore, her bill of health was not clean. She went on her route to different places, where she embarked pilgrims. Among said places she went to Padang, where she was submitted to ten days' quarantine, and when she arrived at Camaran her bill of health was clean. In spite of said bill of health being clean, she was again submitted to five days' quarantine at Camaran, in the lazaretto of Camaran, where all the pilgrims arriving from the far east or from India must undergo at least five days' quarantine. During this quarantine of five days all the pilgrims of the *Anchises* had been submitted to 2 disinfections, and all their wearing apparel had been passed through the disinfecting furnace twice. At the same time the above-mentioned steamship had been thoroughly disinfected.

During the voyage from Padang to Camaran 7 pilgrims have died. Of these, 6 died from malaria and 1 from old age. Within the five days within which they were at the lazaretto of Camaran, 6 more pilgrims died from the same disease—I mean from malaria. No question at all of cholera, nor during the four months which have elapsed from the month of November to the month of March, when the presence of said disease was announced. Besides that, the first cholera cases which have been observed were on pilgrims coming from Russia, the Cossacks as well as among the takrouis, or workmen, and a soldier. On the contrary, among the Javanese, who have remained in Mecca, no one has presented any cholera symptoms; on the contrary, those among the Javanese who have followed the caravans of Cossacks, stopped with the latter at Rebuk, where they took and drank water, fell ill with cholera symptoms, and that after the Cossacks and some pilgrims from Bukhara presented the same symptoms of cholera, I do not need to say that an inquiry has been ordered in order to know when, where from, and how this time cholera has broken out.

Here in Constantinople there are always many cases of la grippe, as well as several cases of whooping cough and chicken pox. In a general way I may say that public health in this capital is good.

Respectfully,

S. C. ZAVITZIANO,

United States Sanitary Commissioner.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

AFRICA—Loruenço Marquez.—Month of January, 1902. Estimated population, 7,000. Total number of deaths, 20, including 6 from phthisis pulmonalis.

CANADA—British Columbia—Vancouver.—Month of March, 1902. Estimated population, 28,000. Total number of deaths not reported. No deaths from contagious diseases reported.

Manitoba—Winnipeg.—Month of March, 1902. Estimated population, 45,156. Total number of deaths not reported. One death from diphtheria, 2 from enteric fever, 2 from measles, and 1 from scarlet fever reported.

Quebec—Sherbrooke.—Month of March, 1902. Estimated population, 12,000. Total number of deaths, 25, including 2 from scarlet fever.

DUTCH GUIANA—Paramaribo.—Month of February, 1902. Estimated population, 31,626. Total number of deaths, 118, including 7 from yellow fever.

FRANCE—St. Etienne.—Two weeks ended March 15, 1902. Estimated population, 146,559. Total number of deaths, 152, including diphtheria, 1; measles, 2; whooping cough, 1, and 20 from tuberculosis.

GIBRALTAR.—Three weeks ended March 23, 1902. Estimated population, 27,460. Total number of deaths, 58, including diphtheria, 1, and 16 from measles.

GREAT BRITAIN—England and Wales.—The deaths registered in 76 great towns in England and Wales during the week ended March 22, 1902, correspond to an annual rate of 17.6 per 1,000 of the aggregate population, which is estimated at 14,862,003.

Bradford.—Two weeks ended March 22, 1902. Estimated population, 281,770. Total number of deaths, 166, including diphtheria, 1; enteric fever, 2; measles, 8; scarlet fever, 1; whooping cough, 1, and 16 from tuberculosis.

London.—One thousand six hundred and forty-nine deaths were registered during the week, including measles, 57; scarlet fever, 11; diphtheria, 27; whooping cough, 50; enteric fever, 5; smallpox, 53, and diarrhea and dysentery, 12. The deaths from all causes correspond to an annual rate of 18.8 per 1,000. In Greater London 2,232 deaths were registered. In the "outer ring" the deaths included 3 from diphtheria, 4 from measles, 34 from smallpox, and 7 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended March 22, 1902, in the 21 principal town districts of Ireland was 22.3 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Ballymena, viz, 4.8, and the highest in Sligo, viz, 52.8 per 1,000. In Dublin and suburbs 167 deaths were registered, including diphtheria, 1; enteric fever, 1; measles, 1; scarlet fever, 1; whooping cough, 1, and 47 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended March 22, 1902, correspond to an annual rate of 23.7 per 1,000 of the population, which is estimated at 1,629,923. The lowest mortality was recorded in Perth, viz, 12.5, and the highest in Paisley, viz, 26.3 per 1,000. The aggregate number of deaths registered from all causes was 767, including diphtheria, 4; measles, 11; scarlet fever, 5; smallpox, 6, and 28 from whooping cough.

JAMAICA—Port Antonio.—Two weeks ended March 15, 1902. Estimated population not reported. Number of deaths not reported. No contagious diseases reported. The health of the port is good.

JAPAN—Nagasaki.—Ten days ended March 10, 1902. Estimated population, 131,700. Total number of deaths not reported. Two deaths from diphtheria and 1 death from enteric fever reported.

MALTA.—Two weeks ended March 15, 1902. Estimated population, 183,679. Total number of deaths, 132, including 4 from diphtheria.

SPAIN—Corunna.—Month of March 1902. Estimated population, 44,000. Total number of deaths, 98, including typhus fever, 1, and 20 from tuberculosis.

Malaga.—Month of February, 1902. Estimated population, 133,022. Total number of deaths, 409, including enteric fever, 7, and 11 from smallpox.

Cholera, yellow fever, plague, and smallpox, December 27, 1901, to April 18, 1902.

[Reports received by the Surgeon-General United States Marine-Hospital Service from United States consuls through the Department of State and other sources.]

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton	Feb. 24-Mar. 6			Several deaths.
Fat-han	Mar. 22			Raging.
Honau	Apr. 10			Epidemic.
Hongkong	Mar. 6		1	
Seungshan	Mar. 19			Spreading.
Sheshing	Mar. 29			Reported.
Tung Mun	Mar. 29			Do.
India:				
Bombay	Nov. 28-Mar. 11		38	
Calcutta	Nov. 24-Mar. 8		881	
Madras	Nov. 16-Feb. 14		94	
Java:				
Batavia	Nov. 17-Dec. 14	48	27	
Philippine Islands:				
Manila	Mar. 24	18		
Straits Settlements:				
Singapore	Oct. 1-Feb. 22		76	
Turkey:				
Djiddah	To Mar. 27		33	
Mecca	do		788	
Medina	Mar. 6-Mar. 27		381	Among pilgrims.
Rebuk	To Mar. 27		1	

YELLOW FEVER.

Brazil:				
Bahia	Dec. 1-Dec. 7	1	1	
Rio de Janeiro	Nov. 11-Mar. 16		198	
British West Indies:				
Barbados	Dec. 13			Prevalent.
Dutch Guiana:				
Paramaribo	Dec. 1-Jan. 17	11	7	
Dutch West Indies:				
Curacoa	Feb. 2-Feb. 8	1	1	
French Guiana:				
Cayenne	Mar. 27			Reported.
Jamaica:				
Port Royal	Feb. 9-Mar. 1	4	1	
Mexico:				
Vera Cruz	Dec. 15-Apr. 5	57	37	

PLAGUE.

Africa:				
Lourenço Marquez	Jan. 1-Jan. 31		1	
Mosael Bay, Cape Colony	Dec. 6			Reported.
Zanzibar, Nairobi	Mar. 6			Several cases.
Australia:				
Newcastle	Mar. 21			Reported.
Sydney	Jan. 1-Jan. 31		1	
Brazil:				
Pernambuco	April 4			Declared.
Rio de Janeiro	Nov. 11-Mar. 2		105	
China:				
Hongkong	Dec. 8-Mar. 1	4	3	
Yeungkong Kwangtung	April 12			Plague epidemic in vicinity.
Shuitung	Feb. 16		100	Declared.
Tsang Shing	To Mar. 9		20	
Egypt:				
Aboussir	Apr. 7-Mar. 19	7	2	
Alexandria	do	52	26	
Benha	do	5	3	
Decheneh	do	4	3	
Kafr Enon	do	1	1	
Kom-el-Nour	do	21	6	
Mansourah	do	1	1	
Minieh	do	5	1	
Mit-Gamr	do	23	14	

Cholera, yellow fever, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt—Continued.				
Nahfal	Apr. 7-Mar. 19	6	4	
Port Said	do	26	16	
Tantah	do	96	78	
Zagazig	do	77	32	
Ziftah	do	14	12	
Formosa:				
Tamsui	Oct. 1-Nov. 10	44	37	
France:				
Marseille	Dec. 1.....	1		On ss. Pehio, from Batoum.
Hawaiian Islands:				
Honolulu	Dec. 11-Mar 17		15	
Kauai, Eleele	Jan. 23-Jan. 24		2	
India:				
Bombay Presidency and Sind:				
Northern Division—				
Ahmedabad City	Nov. 17-Mar. 1		2	
Bombay City	do	6,131	4,733	
Broach District	do	2,041	1,490	
Kaira District	do	2,545	1,705	
Surat District and Town	do	1,449	1,127	
Thana District	do	495	423	
Central Division—				
Ahmednagar District	do	48	38	
Khandesh District	do	5,681	4,361	
Nasik District	do	1,151	836	
Poonah District and City	do	5,507	4,615	
Satara District	do	18,521	13,601	
Sholapur District and Town	do	1,559	1,140	
Southern Division—				
Belgaum District	do	16,190	12,488	
Dharwar District	do	15,069	11,048	
Hyderabad Town and District	do	187	140	
Hubli Town	do	24	22	
Kanara District	do	378	217	
Kolaba District	do	231	198	
Ratnagiri District	do		154	
Karachi City and District	do	760	642	
Political Charges—				
Aundh State	do	443	249	
Baroda State	do	1,492	996	
Cutch State	do	580	477	
Kathiawar State	do	168	129	
Kolhapur and Southern Mahratta Country	do	13,475	9,262	
Sachin State	do	114	90	
Savanur State	do	628	509	
Outside Bombay Presidency and Sind:				
Madras Presidency	do	6,811	5,728	
Bengal—				
Bhagalpur	do	196	172	
Burdwan Division	do	28	18	
Calcutta	do	1,249	1,102	
Chota Nagpur Division	do	542	451	
Orissa	do			
Patna	do	9,019	6,735	
Northwest Province and Oudh:				
Allahabad Division	do	3,831	3,493	
Benares Division	do	5,899	5,831	
Punjab:				
Delhi Division	do	22,743	16,279	
Jullunder Division	do	21,151	11,795	
Lahore Division	do	14,729	8,883	
Rawalpindi Division	do	11,987	7,877	
Mysore State:				
Bangalore City, District, and Military Station	do	4,432	3,407	
Chitaldrug District	do	583	533	
Kadur District	do	368	250	
Kolar District and Gold Fields	do	163	124	
Mysore City and District	do	3,203	2,445	
Shimoga District	do	537	393	
Tumkur District	do	61	44	
Hyderabad State	do	1,193	948	
Kashmir:				
Jammu Province	do	6,265	3,336	

Cholera, yellow fever, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Nagasaki.....	Mar. 13.....	1	Reported on ss. Taichu Maru from Formosa.
Mauritius.....	Nov. 29-Jan. 30	227	140	
Philippine Islands:				
Manila.....	Dec. 1-Dec. 14	5	5	
	Feb. 9-Feb. 22	2	2	
Russia:				
Batoum.....	Jan. 8.....	1	1	
Syria:				
Beirut.....	Jan. 5-Jan. 11	1	1	
Turkey:				
Bagdad.....	Jan. 16-Jan. 23	6	4	

SMALLPOX.

Argentina:				
Buenos Ayres.....	Oct. 1-Dec. 31	185	
Austria-Hungary:				
Budapest.....	Jan. 15-Jan. 21	11	
Prague.....	Dec. 1-Mar. 22	129	
Barbados.....	Mar. 30.....	10	
Belgium:				
Antwerp.....	Dec. 10-Mar. 15	98	23	
Ghent.....	Dec. 8-Feb. 22	25	
Liege.....	Mar. 9-Mar. 15	1	
Brazil:				
Bahia.....	Jan. 12-Jan. 25	2	1	
Ceara.....	Dec. 1-Dec. 31	1	
Rio de Janeiro.....	Nov. 11-Mar. 16	448	
Pernambuco.....	Nov. 1-Feb. 15	384	
British Columbia:				
Victoria.....	Jan. 5-Jan. 11	1	
Canada:				
Belleville.....	Apr. 1-Apr. 7	1	1	
Hamilton.....	Mar. 1-Mar. 31	1	
Quebec.....	Dec. 15-Apr. 5	508	9	
China:				
Hongkong.....	Feb. 2-Mar. 1	8	8	One from Swatow on ss. Pelus, and 1 from Straits Settlements on ss. Honey Bee.
Colombia:				
Cartagena.....	Nov. 25-Mar. 23	34	
Panama.....	Dec. 17-Mar. 31	35	
Cuba:				
Ciego de Avila, Puerto Principe.	Jan. 12.....	1	From Canada.
Guantanamo.....	Feb. 18.....	1	
Ecuador:				
Guayaquil.....	Sept. 28-Dec. 7	30	
England:				
Birmingham.....	Feb. 16-Mar. 29	2	
Bristol.....	Jan. 5-Jan. 11	1	1	
Leeds.....	Mar. 9-Mar. 15	2	
Liverpool.....	Dec. 15-Mar. 29	82	2	
London.....	Dec. 28-Mar. 22	4,493	672	One from ship from Boston.
Manchester.....	Feb. 16-Feb. 22	1	
Newcastle-on-Tyne.....	Dec. 22-Jan. 11	6	
North and South Shields.....	Jan. 19-Mar. 29	26	2	
Plymouth.....	Feb. 9-Mar. 22	2	1	
Sheffield.....	Dec. 22-Mar. 22	9	
Southampton.....	Feb. 16-Mar. 15	2	
Swansea.....	Feb. 22-Mar. 1	1	
Tottenham.....	Feb. 22-Mar. 1	1	
West Ham.....	Feb. 22-Mar. 1	7	
Formosa:				
Tamsui.....	Oct. 1-Oct. 31	7	
France:				
Lyons.....	Dec. 1-Dec. 7	1	
Marseille.....	Dec. 1-Feb. 28	5	
Nantes.....do.....	5	
Nice.....	Nov. 1-Dec. 31	26	
Paris.....	Dec. 8-Mar. 29	69	
Rheims.....	Jan. 6-Mar. 30	63	12	
Roubaix.....	Feb. 22-Feb. 28	1	
St. Etienne.....	Feb. 14-Feb. 28	1	
Gibraltar.....	Jan. 20-Mar. 8	2	
Greece:				
Athens.....	Jan. 5-Jan. 11	1	

Cholera, yellow fever, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Dec. 18-Mar. 11	56	
Calcutta.....	Dec. 1-Mar. 8	36	
Karachi.....	Nov. 25-Mar. 9	131	31	
Madras.....	Nov. 16-Feb. 28	24	
Ireland:				
Dublin.....	Feb. 9-Feb. 15	3	
Italy:				
Caserta.....	Mar. 24.....	Many cases.
Milan.....	Nov. 1-Jan. 31	11	4	
Naples.....	Dec. 1-Mar. 22	244	21	
Palermo.....	Dec. 29-Mar. 22	15	
Rome.....	Dec. 15-Jan. 25	5	
Santa Maria Capuavetere.....	Mar. 24.....	Do.
Jamaica:				
Kingston.....	Dec. 22-Dec. 28	1	From Colon.
Port Antonio.....	Jan. 5-Mar. 1	3	
Japan:				
Nagasaki.....	Dec. 11-Dec. 20	1	
Liberia:				
Monrovia.....	Dec. 8-Dec. 14	1	
Malta:				
Valletta.....	Dec. 11-Feb. 15	12	
Manitoba:				
Winnipeg.....	Dec. 8-Mar. 1	40	
	Mar. 1-Mar. 31	
Mexico:				
City of Mexico.....	Dec. 9-Mar. 30	101	44	
Vera Cruz.....	Mar. 16-Apr. 5	4	2	
New Brunswick:				
Lynnfield.....	Jan. 18.....	1	
Moncton.....do.....	1	
St. John.....	Oct. 20-Jan. 18	108	23	
Welsford.....	Jan. 18.....	1	
Nova Scotia:				
Dartmouth.....	Mar. 29.....	5	
Halifax.....	Sept. 23-Mar. 29	42	6	
Windsor.....	Dec. 15-Jan. 25	1	
Philippine Islands:				
Manila.....	Feb. 9-Mar. 1	8	5	
Porto Rico:				
Arecibo.....	Mar. 8-Mar. 22	61	
Ciales.....do.....	6	
Fajardo.....do.....	1	
Humacao.....do.....	1	
Ponce.....	To Mar. 24.....	18	
San Juan.....	Feb. 1-Mar. 22	20	
Russia:				
Moscow.....	Nov. 24-Mar. 22	186	66	
Odessa.....	Dec. 1-Mar. 15	65	19	
Riga.....	Jan. 25-Jan. 31	5	
St. Petersburg.....	Dec. 1-Mar. 22	112	28	
Warsaw.....	Nov. 24-Feb. 22	11	
Scotland:				
Dundee.....	Jan. 12-Mar. 8	14	
Edinburgh.....	Feb. 16-Mar. 8	2	
Glasgow.....	Dec. 28-Apr. 4	226	45	
Spain:				
Corunna.....	Dec. 1-Jan. 25	6	
Malaga.....	Nov. 1-Jan. 31	62	
Valencia.....	Jan. 1-Feb. 28	415	74	
Straits Settlements:				
Singapore.....	Oct. 1-Feb. 15	6	
Switzerland:				
Geneva.....	Mar. 9-Mar. 15	1	
Uruguay:				
Montevideo.....	Oct. 26-Feb. 28	808	65	
Wales:				
Cardiff.....	Feb. 2-Feb. 8	1	

Weekly mortality table, foreign and insular cities.

Cities	Week ended.	Estimated popu- lation.	Total deaths from all causes.	Deaths from—											
				Tubercu- losis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whoop- ing cough.	
Acapulco.....	Mar. 22	6,000	5												
Alexandretta.....	Mar. 15	9,000	8												
Amsterdam.....	Mar. 22	532,871	178	21								5	12		
Antwerp.....	Mar. 16	285,621	106					4		1					
Do.....	Mar. 22	285,621	97					6				1	1		
Athens.....	do.....	200,000		10						2			3		
Barmen.....	do.....	143,500	48	10								2	1		
Barranquilla.....	Mar. 23	40,000	3	2											
Beifast.....	Mar. 22	358,693	154							1		1	2		
Beirut.....	Mar. 15	80,000	17												
Belize.....	Apr. 3	9,000	10												
Belleville.....	Mar. 22	9,953	5												
Bergen.....	Mar. 22	73,000	21	2											
Berlin.....	Mar. 15	1,908,109	632	81						1	4	12	6		
Birmingham.....	Mar. 22	523,284	168								9	3	4		
Bremen.....	Feb. 15	160,823	54	6							3	1			
Do.....	Feb. 22	160,823	77	6							6				
Do.....	Mar. 1	160,823	62	6							3	2			
Do.....	Mar. 8	160,823	61	18							2				
Cairo.....	Mar. 11	608,910	336						2	4		4	11		
Cartagena.....	Mar. 23	8,000	5					1							
Christiana.....	Mar. 22	229,000	50								1	2			
Coburg.....	do.....	21,544	11	4											
Cologne.....	do.....	383,041	144	10							5	4			
Colombo.....	Feb. 22	157,252	106							2					
Do.....	Mar. 1	157,252	100							4					
Colon.....	Mar. 30	8,000	7												
Corunna.....	Mar. 22	44,000	18	3											
Crefeld.....	Mar. 15	106,887	29												
Do.....	Mar. 22	106,887	38									2			
Curacao.....	do.....	30,828	2												
Dublin.....	do.....	379,000	167	47						1	1	1	1		
Dundee.....	do.....	162,078	78									2			
Dusseldorf.....	do.....	226,786	68	13									2		
Edinburgh.....	do.....	322,966	138									1			
Flushing.....	do.....	19,227	9												
Frankfort on the Main.....	do.....	296,900	78												
Funchal.....	Mar. 23	44,049	26	2											
Girgenti.....	Mar. 15	25,069	11												
Glasgow.....	Mar. 28	760,423	363					6	2		1		6	1	
Halifax.....	Mar. 29	40,787	17					1				1			
Do.....	Apr. 5	40,787	15												
Hamburg.....	Mar. 22	724,835	240								1	5	1		
Hamilton, Bermuda.....	Apr. 1	16,013	1												
Havre.....	Mar. 15	130,196	68	17											
Hongkong.....	Feb. 22	283,418	85	3				6		2					
Do.....	Mar. 1	283,418	88	2	1			2							
Kingston, Jamaica.....	Apr. 4	18,300	5												
Las Palmas.....	Mar. 15	49,500													
Leeds.....	Mar. 22	437,036	135	11						3	1	2	2	1	
Leipsic.....	do.....	473,903	143								2	2	1		
Leith.....	do.....	78,605	37	3							1				
Liege.....	Mar. 15	173,289	56					1		1					
Liverpool.....	Mar. 22	692,496	262							2	2	5			
London.....	Mar. 15	6,705,731	2,657					114		16	13	31	109	6	
Do.....	Mar. 22	6,705,731	2,232					100		10	13	37	73	6	
Lyons.....	Mar. 15	453,145	216												
Mainz.....	Mar. 22	85,000	52	15											
Manchester.....	do.....	550,450	193	23						2	1	1	4		
Mannheim.....	Mar. 15	146,500	40								2				
Do.....	Mar. 22	146,500	51									1	1		
Mazatlan.....	Mar. 15	20,000	21												
Do.....	Mar. 22	20,000	12												
Melbourne.....	Feb. 8	477,000								3					
Do.....	Feb. 15	477,000								5					
Messina.....	Mar. 22	107,000	28	2											
Do.....	Mar. 29	107,000	29	1											
Mexico.....	Mar. 23	368,777	460	41				2	48					1	
Monrovia.....	Mar. 1	10,000	2												
Do.....	Mar. 8	10,000	7												
Monte Cristi.....	Mar. 29	3,000	0												
Montevideo.....	Feb. 28	256,000	54	2				5							
Moscow.....	Mar. 15	1,000,000	579	20				2	11	4	8	11	8		
Newcastle-on-Tyne.....	Mar. 22	219,021	72											1	
Nottingham.....	Mar. 15	239,763	80												

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Nuremberg.....	Mar. 15	268,190	135	23								1	4
Odessa.....	Mar. 22	442,000	169	24				12	1	2	6	4	2
Palermo.....	Mar. 15	330,000	130	13				12				2	
Paris.....	Mar. 22	2,660,559	1,135					12		8	5	30	20
Plymouth.....	do.....	106,000	43	5									1
Puerto Cortez.....	Apr. 2	2,000	0										
Quebec.....	Mar. 29	68,000						1					
Do.....	Apr. 5	68,000						1					
Rio de Janeiro.....	Feb. 23	793,000	299				15	5		4		2	
Do.....	Mar. 2	793,000	366	49	1		37	9		9		1	
Do.....	Mar. 9	793,000	375	46			38	3		3			1
Do.....	Mar. 16	793,000	326	51			38	4		4			1
Rotterdam.....	Mar. 22	341,053	125								1		
St. John, New Brunswick.....	Apr. 5	40,711	12	2									
St. John, West Indies.....	Mar. 8	34,971	20										
Do.....	Mar. 15	34,971	15										
Do.....	Mar. 22	34,971	11										
St. Stephen, New Brunswick.....	Apr. 5	2,840	4										
Santa Cruz, Teneriffe.....	Mar. 15	33,000	11										
Santander.....	Mar. 24	53,574	38										
Singapore.....	Feb. 22	97,111	161	13		2							
Southampton.....	Mar. 22	107,833	40	5								1	
South Shields.....	do.....	103,552	40							2			8
Stettin.....	do.....	215,206	82							2	1		
Tampico.....	Mar. 25	20,000	19										
Trapani.....	Mar. 15	61,437	20										
Tuxpam.....	Mar. 24	13,000	11										
Vera Cruz.....	Mar. 22	32,000	40	7			2						
Do.....	Mar. 29	32,000	31	8			1						1
Windsor, Nova Scotia.....	Apr. 5	3,000											
Winnipeg.....	Mar. 29	45,156											
Yokohama.....	Mar. 8	189,455										1	
Do.....	Mar. 15	189,455								1			

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Surgeon-General U. S. Marine-Hospital Service.